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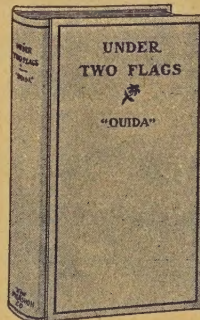
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## Some Desirable Hardy Climbers.

**N**OTHING adds to the beauty and attractiveness of a home as vine-covered walls, or verandas wreathed with some graceful, hardy climbers. Nature, who beautifies the stump, the dead tree, the stone wall, and the deserted, tumble-down building, has taught us that a drapery of green softens the devastating effects of time, makes even the bare wall a thing of beauty, and adds grace and picturesqueness to the most commonplace object. The beautiful architecture of a city mansion is softened and improved by a mantle of green, and a country home embowered with vines becomes an object of beauty, no matter how plain the building.

The variety of climbers obtainable is so great, and nearly all of them are so beautiful in their respective ways, that it is sometimes difficult to make a choice, and personal preference is quite likely to decide the matter. Of course suitability and desired effect should be considered and the location taken into account. Then, if one desires flowering vines which will add fragrance to beauty, his choice can be somewhat narrowed down.

It seems eminently fitting that the front veranda, at least, should be adorned with fragrant blossoming vines. At evening time, when one is most apt to occupy this pleasantest part of the house, the fragrance of the blossoms lends an added charm to the twilight hour, and if some belated humming bird, or night-flitting moth, comes to visit the sweet-scented flowers, we watch them breathlessly and rejoice that we have something to attract these beautiful, swift-winged visitors.

The Chinese Wistaria is one of the most beautiful of climbing plants. In picturesqueness and wealth of bloom it surpasses all other climbers. A well-established vine, covering the side of a house from basement to roof and loaded with hundreds of long racemes of bluish lavender flowers is one of the most beautiful sights imaginable. Our illustration shows part of such a vine.

Training against a wall is a favorite way of growing Wistaria, and it is very effective for showing off the blossoms, but the vine is beautiful for adorning the veranda or climbing over a rustic arbor, and the flowers are very fragrant.

Young plants grow slowly, but when well established they make rapid growth and can be trained to cover a large extent of surface. The blossoms appear before the leaves, or when the latter are very small, usually the last of May in this region, though the location of the vine, whether on the north or the south side of a building, has much to do with time of blooming. Quite frequently the vines bloom sparingly a second time towards the close of summer.

Species with white blossoms are obtainable, and they make a pleasing contrast with the blue or lavender colored kind, but they are not as profuse bloomers nor as hardy as the *Sinensis* or Chinese Blue.

The Wistaria can be made to assume a tree form by pinching out the tip of the vine when it has reached five or six feet in height, which causes it to branch, form a head, and make an ornamental plant for the lawn. The plant should be tied to

a stout stake for two or three years, until the branches become stiff enough to support themselves.

The Honeysuckles are peculiarly suited for planting around the verandas and porches of a house. Whether trained on trellises or wound around pillars they are equally graceful, ornamental and desirable. No one species monopolizes all the good qualities, but it would seem that *Halleana*, or Hall's Honeysuckle, combined almost all the desirable attributes. It is a very vigorous grower and the abundant dark green foliage is almost

it's the *Halleana* Honeysuckle," you say, and go on your way cheered by the brief whiff of its rich odor. The flowers are desirable for cutting and appropriate for any occasion.

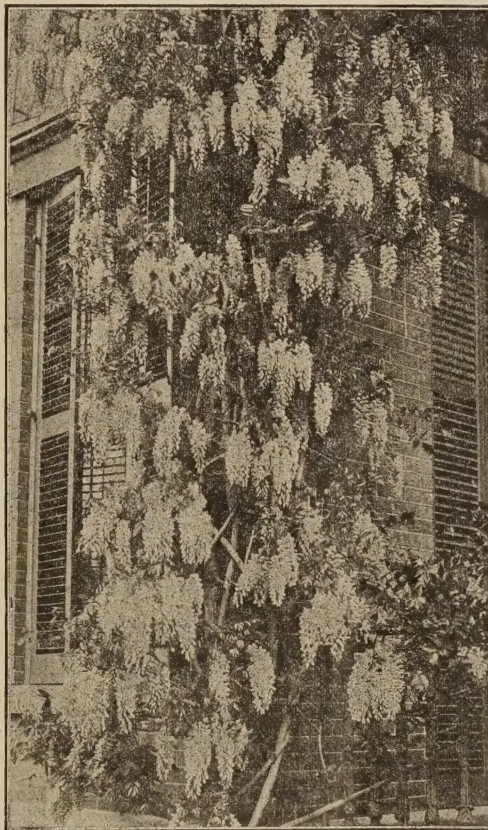
The *Halleana* does not seem to have any insect enemies, and it is very hardy, yet I have known vines which had passed through many winters unscathed to die unaccountably in the spring. But even if I lost a well-established vine, I would not hesitate to plant another, for the young vines grow rapidly and soon come into bloom and it is worth running some risk to have so fragrant and desirable a climber. It is best to protect the roots with a good mulching of coarse manure or straw at the beginning of winter.

Roses do not seem to be as much planted as climbers around verandas, as formerly; and yet it would be hard to give a reason why; perhaps it is because in these later days the battle with insects has to be waged so strongly, strenuously and unceasingly, and climbing Roses are harder to reach with the necessary treatment.

No prettier effect can be obtained than by planting bright-colored climbing Roses with *Ampelopsis*. The latter forms a beautiful background of green for the gayly-colored flowers, furnishing a more abundant foliage than the Roses themselves. The *Crimson Rambler* with its wealth of richly colored blossoms; the old fashioned but ever pretty *Queen of the Prairie*; the delicate, tea-scented *Baltimore Belle*, the hybrid *Wichuraianas*, *Empress of China*, and *Mary Washington* are all good climbers and will adorn the stateliest mansion or the humblest cottage with a profusion of bloom, and the most of them are fragrant. The *Baltimore Belle* and *Queen of the Prairie* make a pretty contrast when grown together, as shown in the illustration on page three.

All the *Clematis* family are beautiful and attractive climbers, favorites with all who grow them, and might possibly be said to be the most popular of all flowering climbing plants. They are beautiful for training on walls or over arbors, around verandas or on trellises, in fact, in any place where vines are desired. The large-flowered, deep purple *Jackmanni*, is the most striking of the family, and *Ramona*, pale lavender, and *Henry*, white, make with it a beautiful combination, blooming more or less all summer.

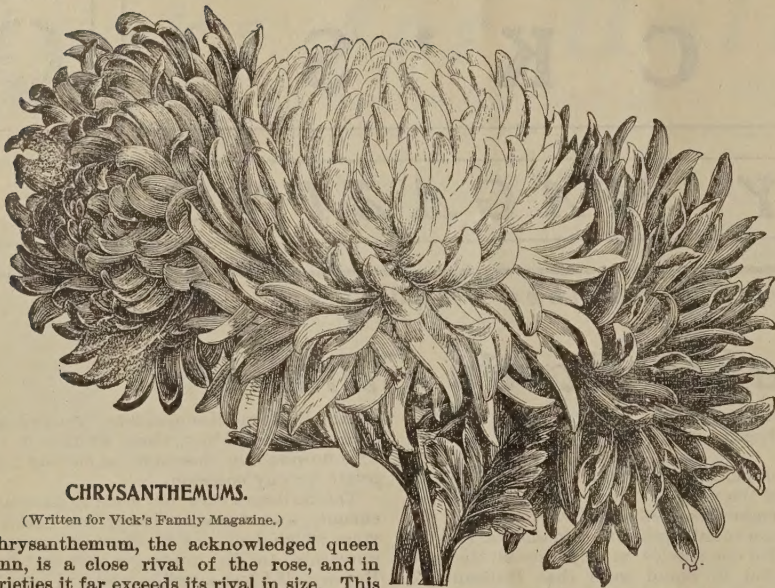
*Clematis paniculata*, one of the small-flowered species, is of comparatively recent introduction, but has grown into popular favor with almost unprecedented rapidity. The pure white, star-shaped flowers are borne in clusters and in such profusion that the vine is a mass of bloom. It flowers later than other varieties, in September or October, and this with its fragrance, its profusion of bloom and hardness render it particularly desirable. In some respects it is an improvement on our native species, *Clematis Virginiana*, the foliage not being so coarse and the flowers being a slightly purer white, but the long, plumose seeds of *Virginiana* make it attractive after the blossoms have faded, and its absolute hardness makes it desirable for exposed situations.—*Florence Beckwith*.



WISTARIA.

evergreen, remaining unchanged on the vines until nearly spring. The blossoms when they first open are pure white but change to a delicate cream color or buff, and the blending of the two shades in a single cluster is very pretty. The odor is simply delicious; nothing sweeter can be imagined; in the evening the whole air is full of its fragrance and it is perceptible at a considerable distance. Often when passing along the street a delightful fragrance will be noticed; a second's pause, and then you locate the perfume; "Oh,





CHRYSANTHEMUMS.

(Written for Vick's Family Magazine.)

The chrysanthemum, the acknowledged queen of autumn, is a close rival of the rose, and in some varieties it far exceeds its rival in size. This flower has of recent years been brought to a very high state of perfection, but higher cultivation has not been attained entirely at the expense of hardiness, as is generally believed. During the past winter when the thermometer registered zero, I kept my entire collection of chrysanthemums in beds out of doors, and the following are the names of the choicest of my collection:

Golden Wedding, one of the largest and handsomest of yellows; Kiota, also a handsome yellow Japanese variety; The Queen, one of the largest and finest whites; Nevius, a large early white variety; V. H. Hallock and Good Gracious, both beautiful, delicate pink varieties; Louis Boehmer, or the Pink Ostrich Plume; Lilian B. Bird, which is a lovely shrimp pink, and Pink Ivory and William Simpson, also pink; Gettysburg, a very dark rich red, and Brilliant, a large, handsome bright red; Mrs. Eagan, a large early variety; Robert Melnes, an odd-looking, but handsome flower, the inner petals crimson, the outer ones yellowish-brown or bronze, curving inward; Ada Spaulding, and others. All of these varieties are considered delicate, but I have not found them so.

The roots of the chrysanthemum have a tendency to grow as near the top of the ground as possible and are, consequently, very liable to be frozen in extremely cold weather. I put a good-sized hill of earth around each plant in autumn, when freezing weather begins, and have never failed to keep my plants through the winter. This is a simple method of protecting chrysanthemums, yet I know of no one else who does it. They all tell me that they cannot keep these delicate plants through the winter, if they leave them out of doors. I have some handsome varieties which I have had for sixteen or more years and these I do not hill up, as they have become quite hardy. Chrysanthemums can be kept by planting them in pots or boxes and placing them in a cellar, where they should be watered very sparingly, just enough to keep them from drying up, and when spring opens, they can be brought out and planted in the open ground; another good method of keeping them through the winter, is to plant the young shoots in autumn, in a cold frame, where they can have the air and sunshine on good days, but in freezing weather and at night, use an old cloth to cover, the cold frame to protect them. The latter is a much better way of keeping these plants than in a cellar, but in my opinion is not as good as hilling up the earth around them out of doors.

There are two ways of cultivating chrysanthemums. The easiest way is to plant them in a bed by themselves and as soon as they begin to bud cover the bed every two weeks with from four to six inches of stable manure, and every evening during hot spells, soak the bed with plenty of

water. At the expiration of each two weeks, take off the old manure and put on fresh, and repeat until the flowers begin to bloom. All flowers are fond of rich food, yet there is a limit to the appetites of most of them, except the chrysanthemum. If your supply of water is limited, put the manure in a good, tight barrel and pour water on it, allowing it to stand each time for twenty-four hours before using, and water the chrysanthemums at least once a week with the mixture until they bloom. The manure in the barrel can be watered several times before removal. In order to make the blossoms of enormous size, pinch out all but one of the buds on each stem, but I often leave two to each stem, fearing that some accident may happen to the one. Spring is the time to set out young chrysanthemums. I always pull up the old bushes and break off the young shoots or sprouts, throwing away the old stem, and plant by itself one of these young shoots; as soon as this grows five or six inches high, I pinch it back to three or four inches, and if the variety is scarce, I plant this slip and root another plant. I keep pinching back my plants to make them bushy, up to the first of August; after that time, there is danger of pinching out the blossoms which are then forming.

Chrysanthemums are easily raised from cuttings and May is the best time to start them, as the slips will then bloom in the autumn. After planting my young chrysanthemums, I keep the ground worked until the middle or latter part of August; then I cease cultivating them as some varieties begin to put up young shoots before they bud to bloom. At this time I stake them, as the buds will grow so heavy that the bush, unless it is very stout, will fall to the ground if not supported. Some growers contend that the various colors should not be planted together as they will mix, but I always plant mine together and I have yet to see that any of them have ever mixed.

I know of but two enemies to the lovely chrysanthemum. One is a small black bug, which covers the buds; but these insects are not very formidable as they are easily seen and can be exterminated by spraying with tobacco water. The other is a white insect, which is beyond my control and it is always fatal to a plant which it attacks. This little pest lives in the ground, eating the roots, and never comes above the surface of the earth, except in the stem of the plant, which it hollows out, and the first knowledge which you have of its presence is, your plant withers. These insects are about three times the size of a small black ant; they eat wood wherever it rests upon the ground and they herd together in great numbers, like bees in a hive.

These hints are intended for the culture of

chrysanthemums in the open air, but for those who have not sufficient space for out-of-door bedding, I would advise cultivating in pots. I prefer pot culture to lifting the plants from their beds in autumn, which is very much like seating one to a grand feast and removing him from the table when he has scarcely tasted the food. The chrysanthemum needs more attention in pot culture, as the plant should be changed whenever the roots grow out of the pot, and it should be fed often with some kind of plant food or with household ammonia, as the odor from liquid manure is unpleasant, if the pot has to remain in the house. The buds should be pinched out just the same as from out-of-door plants, and one bud only ought to be allowed on each stem in order to get very large blossoms. It is well to plunge the pot in the ground during the summer months, as the roots are kept cool and moisture better retained.

I know of no flower which will last as long after being picked as the chrysanthemum, if placed in a cool room and the water changed every day; I have kept them thus for four or five weeks before they faded. I think that all flower lovers should cultivate just a few of these handsome flowers, as they will feel more than repaid for the labor bestowed upon them, when they put forth their gorgeous blossoms in autumn.—Mrs. Emma Wilson, Virginia.

### THE WITCH HAZEL.

Among our latest flowering tall shrubs we find the small, yellow-flowered Witch Hazel. The leaves are oval, and nearly all have fallen before the fragrant flowers appear. The flowers are a pale yellow, in clusters, growing for the most part in the axils of the leaves.

Although we have many wild fall flowers, this is the one which makes its appearance last. On entering the woods during the last of September or the first of October, we find the faded Golden Rod, a few belated Asters—but what is it that smells so very sweet? On looking farther we discover that it is the fragrant Witch Hazel. The fact that our other flowers are past makes our satisfaction the greater as we view our discovery. This year's blossoms and last year's ripened fruit are all found at the same time on the branches.



WITCH HAZEL.

The Indians long years ago discovered the medicinal properties of this shrub, and its leaves and bark were gathered and dried for future use. Today one will hardly ever find a household without it; our medicine closet is not considered complete without Witch Hazel in liquid or paste form.

Thoreau says, "The Witch Hazel loves a hill-side with or without woods or shrubs. It is always pleasant to come upon it unexpectedly, as you are threading the woods in such places. Methinks I attribute to it some elfish quality apart from its fame. I love to behold its gray speckled stems."

"Heard in the night a snapping sound, and the fall of some small body on the floor from time to time. In the morning I found it was produced by the Witch Hazel nuts on my desk springing open and casting their seeds across my chamber, hard and strong as they were."—Ethelyn.



## Red Flowers.

(Written for Vick's Family Magazine.)

The fashionable color of the year is red. There seems to be a "craze" for red in matters of dress, of house furnishings, wall papers, etc., and in flowers. Florists in New Orleans are giving great prominence to red flowers. Among the autumn bloomers, salvias, cannas, manettia vine, begonia rubra, red roses, red dahlias, red hibiscus, red gladiolus, and even prince's feather and cockscomb are not discarded.

Following the popular fancy, which has not yet crystallized into any one particular shade of red, as in former wars when Magenta and Solferino became the rage in gory hues, the flower fancier may adopt any or all shades of red. There are beautiful flowers to be had in scarlet, crimson, cherry, and all other shades of red. Autumn is the propitious season for planting seeds of some of the most brilliant red flowers. Such, for instance, as poppies. They do well only from fall sown seeds. Scattered broadcast over the beds and borders where bulbs have been planted, poppies will come up beautifully and when the bulbs have ceased to bloom and the tops have been cut away, will make gay the ground otherwise left bare. The seeds are small, about like gunpowder and there is more danger of sowing them too thickly than otherwise. It is a very good plan to mix the seeds with silver sand to prevent too thick sowing. Oriental poppies are the most brilliant of all red flowers, except tulips. They are dazzling in effect. There is a weird, mystical impressiveness about the scarlet poppies. Bayard Taylor in his fascinating book of travels in the lands of the Saracens says he has seen old battlefields waving in red, thousands of blood-red poppies in bloom. He could imagine no solution of the mystery, but recorded the fact. Lord Macaulay says of the battlefield of Neerwinden: "The summer

after the battle, the soil fertilized by 20,000 slain, broke forth into millions of blood-red poppies. The traveler from St. Trond to Tirlemont, who saw that vast field of rich scarlet stretching from Landen to Neerwinden could hardly help fancying that the figurative description of the Hebrew prophet was literally accomplished, that "the earth was disclosing her blood and refusing to cover her slain."

This is *papaver Rhoeas*, the common field poppy. For all its uncanny propensities to bivouac with the slain, this special kind of poppy is annual and comes into bloom the first spring after fall sown seeds, dazzling scarlet with black centre. The improved strains of poppies are among the most beautiful flowers in existence. All kinds come well from fall sown seeds, and none of the class ought to be transplanted. Poppies are tap-rooted plants that only do their beautiful best where they first come up from seed. Tulips are prominent red flowers. They are gay and striking in the extreme. Early and late in autumn the bulbs may be planted, and the more of them, in full borders of long range, and in masses, filling fancy shaped beds, the more striking the effect.

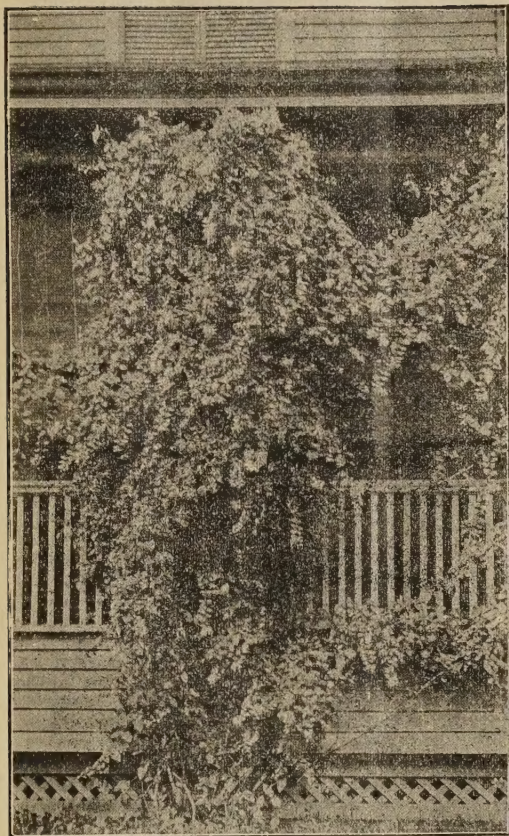
The earliest, low growing scarlet tulips planted close together bordering a bed of white or cream-colored Roman hyacinths, will bloom at the same time; and the white or cream hyacinths will be like a beautiful bouquet bound with a scarlet satin ribbon. For this effect, plant the tulips near together, less than an inch apart, and when the blossoms open above the whitish-green foliage there will be an unbroken band of scarlet, beautiful to see.

Red lilies are beautiful and highly available. The tenuifolium blooms early and is bright scarlet. The bulbs may be planted in autumn, as it is hardy. Martagon is a red lily, with dark blackish-purple spots, very showy among spring flowers. Plant the bulbs of each kind

deep in the soil, not less than two feet, cover them with mellow garden soil and sand, mulch the surface with leaves of pine, cedar or cypress, as fallen conifer leaves lie close, are not disturbed by the wind, and afford protection sufficient for any kinds of bulbs.

There are so many brilliant red flowers that one may have the open border well filled with them, and also have the conservatory gay in red. For instance, the scarlet wind flower will bloom, before winter has fairly passed, out-of-doors; while under glass the scarlet plumbago (*coccinea*) will be covered with brilliant flowers. In the Horticultural Hall, New Orleans, this class of flowers in three colors, is grown in tubs, trained to trellis-work. They grow with such freedom upward that at a glance they are mistaken for vines. The foliage and flowers begin near the soil, leaving no bare stems or stalks, and the whole plants have a soft, fluffy appearance. The scarlet (*coccinea*) sort is decidedly the showiest; but "once for all" let me say that white, by contrast, increases the brilliancy of all colored flowers. White and red poppies, white and red tulips, white and red lilies, white and red plumbagoes, side by side, mutually enliven each other, perfecting the color scheme.

The Crozy cannas are not to be forgotten among showy red flowers. They, and the single-flowered and double hibiscus would make a garden of red flowers, had we no others. Cannas come from seeds, as also do the superb red hollyhocks, and carnations. The latter class deserves a whole volume of commendation. The seeds, and still better, the plants, do well in the hands of amateurs, and there is a sad deficiency in a collection of plants when the beautiful flowers and spicy perfume of the carnation is absent. Scarlet geraniums, crimson and other shades of red, are easily managed as potted or bedded plants. The probabilities are, that should I give a list of my own favorite carnations and geraniums, the one making selections would refer to the catalogue and be guided by descriptions, and "we rise to remark" that the catalogue is the safest guide.—Mrs. G. T. Drennan.



HALLEANA HONEYSUCKLE.

## THANKSGIVING HYMN.

(Written for Vick's Family Magazine.)

Thou crownest the year with thy goodness;  
The clusters hang thick on the vine;  
The sheaves cover o'er the wide threshing floor;  
The presses brim richly with wine.  
With purple, with gold, and with crimson,  
The orchard and vineyard rejoice.  
The hills russet-green, and the valleys between,  
Laugh out at the sound of Thy voice.

Thy bounteousness giveth the increase,  
The sowing and reaping are ours.  
We scatter the seed on hillside or mead,  
Thou sendest the sunshine and showers.  
In ignorance, doubt, or in sorrow,  
Whatever in weakness we sow,  
Beyond all we ask Thy bounty to task  
Thy Providence maketh to grow.

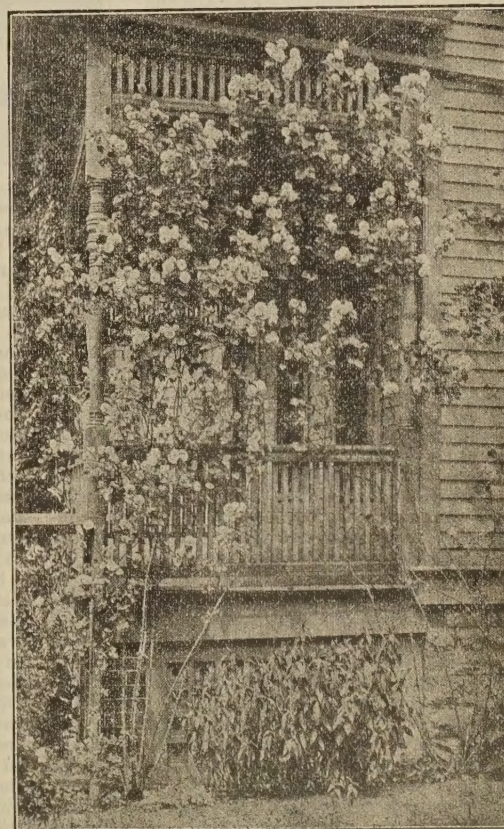
We thank Thee, we praise Thee, we bless Thee;  
Thy gifts from Thy presence we bear.  
Beyond all rich store this grace joyeth more,—  
Thou grantest Thy labor to share.  
O, honor and grace without measure,  
The gifts and the giving to know!  
All workers with Thee together to be,  
No more can Thy bounty bestow.

O, help us, we pray, in our sowing,  
And grant us discernment of mind;  
Ere long where we sow full harvests will grow,  
Each bearing seed after its kind.  
We long for the harvests of freedom,  
Of justice, of truth, and of love;  
Our feeble hands sow, but the increase, we know,  
Must come from the Giver above.

Mrs. W. A. Cutting.

## Those Who Love Flowers

Will find more information for the money in this magazine than can be obtained anywhere else. Just think of getting this publication three full years for only \$1.00. You had better subscribe or renew your subscription at once.



BALTIMORE BELLE AND QUEEN OF PRAIRIE.





THE CHILDREN'S FLOWER SHOW IN THE  
"FLOWER CITY."

BY FLORENCE BECKWITH.

In early days Rochester was known as the "Flour City" on account of the large number of mills which lined the banks of our beautiful Genesee River, the waters of which furnished unlimited power, and the fertile country through which it flowed, known as the "Genesee Flats," producing abundant crops of grain.

Later, the many extensive nurseries established within its limits made it famous as the "Flower City." The latter is the name most distinctly suitable and the one most generally adopted. Any doubt of our right to the title, could no longer exist after a glance at our Flower Show in September, for the children of the public schools, by their efforts in gardening, added another strong and convincing proof of our just claim to the designation, and this summer the city was like one big flower garden.

In the spring of 1900 the Woman's Educational and Industrial Union inaugurated an effort for the improvement of school grounds, and for encouraging a love of flowers in children. Seeds kindly donated by Messrs. James Vick's Sons were distributed in a few grades of six schools and prizes were offered for the best results. The prizes were contributed by a number of the business firms of the city, who thus, by their liberality, helped the good work along.

Individual members of the Union entered enthusiastically into the work, encouraging the children in raising the plants and transferring them to the places in which they were to grow, and keeping a general watchfulness over their efforts.

Dr. E. M. Moore, Sr., President of the Park Commission, took great interest in the improvement of school grounds, and did much to encourage the work; the Superintendent and Assistant Superintendent of Parks gave invaluable assistance, and several of our leading nurserymen contributed shrubs, trees and vines. In this way the work was inaugurated and an interest aroused.

A floral exhibition was held in August, 1900. In competition for the prizes offered, exhibits were made by pupils and from the grounds of eight schools. The showing for the first year's work was very creditable, and the interest of the children in the exhibition and their delight in the prizes received were very gratifying. Prizes had been offered for both flowers and vegetables, and twenty-one were distributed among the children. One girl entered the competition for the best show of vegetables, and carried off the first prize.

Two schools competed for the prizes offered for the improvement of school grounds, photographs taken before and after the improvements were made being exhibited.

The efforts of the Union had brought forth

such satisfactory results from so small a beginning, that it was decided to carry on the work in 1901. A few changes in the general plan were made. It was thought best that the children should pay for their seeds, and the competition was thrown open to all pupils of the public schools. Messrs. James Vick's Sons again showed their liberality and public spirit by placing only a nominal price on the seeds, (one cent a packet for the different varieties selected by a committee of the Woman's Union), so that every child could afford to buy at least one paper.

Of course an element of doubt existed as to whether the schools as a whole would enter into the work, and the committee in charge of the distribution of the seeds wondered if they dare give an order for \$40.00 worth. Their courage rose by degrees and, after a while, they thought they might possibly venture to order \$50.00 worth.

The principals and teachers of the schools, however, entered so enthusiastically into the work, that the results were quite beyond all expectations. Schools which began by ordering from \$1.00 to \$5.00 worth of seeds, kept supplementing their orders until nearly 25,000 packets had been distributed, and they only stopped then because the time for planting had passed.

Mr. John W. Spencer, of Cornell University, the widely known and greatly beloved "Uncle John" of the Junior Naturalists of the country, gave talks at a number of the public schools,



arousing great enthusiasm among the would-be gardeners.

The season was a very discouraging one at the outset, the constant rains preventing the planting of the seeds in the open ground until very late, and postponing the transplanting of those started in the house. But the interest of the children in the work did not flag and their courage held out.

One little girl sent a message that she was sick and could not come to school, "but her Aster seed had come up." On September 11th a Flower Show was held, the success of which was gratifying in the highest degree. The Directors of the Mechanics Institute opened the doors of their spacious building for the floral exhibition. No other available building would

have afforded the necessary space or conveniences, and the success of the Flower Show was in a great measure owing to their kindness. A large room forty-two feet square was tendered for the floral exhibition; the fine library room was also allowed for the display of a herbarium and the lecture room for addresses.

No formal programme was carried out, but short addresses were made by Professor L. H. Bailey, of Cornell University, and Mr. Spencer, and music was rendered both afternoon and evening by accomplished volunteer musicians under the direction of a teacher in one of the public schools.

When the exhibits were in order, the room was a mass of bloom. Four long tables extending through the center were filled with flowers of the children. Around the outside of the room tables were devoted to the display of vegetables, flowers raised on school grounds, and those kindly donated by florists, nurserymen, and the Superintendent of Highland Park, for decoration. A more beautiful sight, in a floral way, was never seen in Rochester. No description could do it justice; everywhere were masses of flowers; all available space was utilized, but even then there was not room enough and the tables were overcrowded.

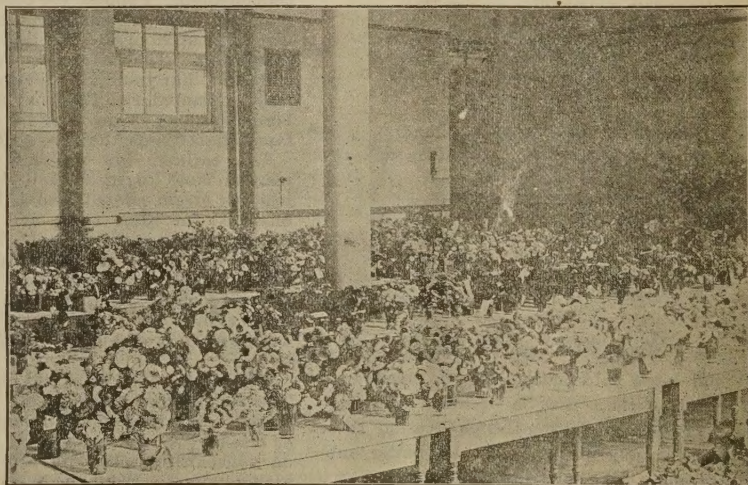
Prizes had been offered for the best display of asters, calliopsis, dianthus, marigolds, nasturtiums, petunias, phlox, bachelor buttons and zinnias, and entries were made under each. Nothing but the very best varieties were shown, particularly in asters, nasturtiums and phlox. A millionaire could not have had finer annuals in his garden than those raised by some of the children in the back yards of tenement houses, from the penny packets of seeds.

The season had been very favorable for asters, and the display of that flower was very fine. A table almost the length of the room was completely filled with the exhibit of asters alone, and the specimens were all so good that it was no easy matter for the judges to decide which was best.

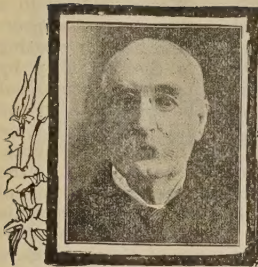
Prizes were offered for herbariums of wild flowers and pressed sprays of leaves, and several very creditable exhibits were made. Some beautifully pressed and mounted specimens exhibited by Mr. C. Vollertsen added much interest to the exhibition, and served as an object lesson to pupils and teachers.

Four hundred thirty entries for prizes were made, three hundred thirty-one children competing. Some of the children made several entries under the different classes, and a great many contributed flowers which were not entered for competition but simply went to show the results of their labors and help make the exhibition a success.

Continued on page 14.







# FLOWER GOSSIP

By Eben E. Rexford.

## PLANTS FOR SPECIAL PURPOSES.

Pretty hanging plants are always attractive, whether in the window garden, the greenhouse, or the parlor, and all flower-loving persons would attempt to grow them more than they do at present if it were not for the fact that so many of them are comparative failures. There is no reason why a plant in a hanging pot should not do as well as the plant in a pot on the sill, if its owner will give it all the water it needs. Nine times out of ten, failure occurs because the soil in the pot is allowed to get dry. The young roots of the plant are injured in consequence, and the plant soon shows it. Thereupon the owner decides that the plant is going the way of most hanging plants, and neglects it still more, and soon it is dead, or in such a sorry condition that she is glad to put it out of sight. Because a hanging pot or basket is in a stratum of hot, dry air, to whose influence it is exposed on all sides, the soil in it is speedily robbed of its moisture. The owner may apply water daily, as to other plants, and think this ought to be sufficient, but she would soon be convinced of her mistake if she would watch the effect of evaporation on the two classes of plants. A little thoughtful observation would show that the suspended plant needs twice as much water as those on the sill. As a general thing, hanging plants are not given a very thorough watering at any time, because a good deal of the water applied is pretty sure to run off before it can be absorbed by the soil. And then because of the great difficulty of getting at these plants, they are often sadly neglected. We would advise suspending the pots containing these plants by a stout cord running over two pulleys in the ceiling, or the rafters of the greenhouse. It is an easy matter to adjust them so that they balance each other. When it is necessary to water the plants, one can be pulled down far enough to be reached conveniently with the watering pot. When this one is watered thoroughly, run it up and the pot at the opposite end of the cord will come down, and can be attended to in turn. This arrangement of hanging plants will be found a most convenient one. Sew-eye pulleys can be obtained of any dealer in hardware.

Or, a tin can can be used as a reservoir to furnish a steady supply of water, if it is kept filled. Make a hole in the bottom of it. The size of the hole will have to be determined by the amount of water you desire to use. This can be decided by experimenting a little. Fill the can with water, and place it on the basket or pot, where it can generally be hidden by foliage. The water will leak out slowly or rapidly, according to the size of the hole in the bottom of the can. You can soon tell whether it is too large or too small. Regulate matters so that the soil will be kept evenly moist. It is an easy matter to fill the can and put it in place. Some system of regular and liberal water-supply must be followed to insure success with hanging plants. Do this, and the vexed question of how to grow hanging plants well has been solved.

The following plants will be found useful for hanging pots or baskets:

**OTHONNA.**—Bright yellow flowers. Pretty, succulent foliage.

**OXALIS.**—*Rosea* pink. Buttercup yellow.

**SAXIFRAGE.**—Prettily variegated foliage, of bronze and white, red on the underside.

**LYSIMACHIA.**—Delicate foliage. Quick grower.

**MONEYWORT.**—Bright green foliage. Its long green vines soon cover the pot.

**TRADESCANTIA.**—(Wandering Jew.) Rapid-growing vine, with leaves of dark green, striped with white and pink, in the most satisfactory variety. The common kind has a gray-green leaf with darker markings.

**VINCA VARIEGATA.**—Dark, shining foliage, variegated with yellow.

**LOBELIA.**—Pretty drooper, with bright blue flowers.

**GLECHOMA.**—Variegated ground ivy.

The following plants will be found useful for covering screens:

**ENGLISH IVY.**—One of the best, if not the best, vines for house culture. Its thick, rich, dark green, shining foliage is always beautiful. Will grow in shade where few other plants will. Of very easy culture. Its only drawback is its liability to attacks of scale. This can be prevented by the use of Lemon or Fir-tree oil, which should be used as a preventive, it being easier to keep this enemy away than to get rid of it after allowing it to become established on a plant. The Ivy is a most beautiful vine for training about a bay window or over a doorway or arch.

**SENECIO.**—(German Ivy.) A very rapid grower, with leaves shaped like those of the English Ivy, but lacking in substance, when compared with that plant.

**COBOEA VARIEGATA.**—A vine of strong and rapid growth, and easy culture. Foliage broadly marked with creamy white. Flowers bell-shaped. Purple.

**HOYA CARNOSA.**—The Wax Plant. Foliage heavy, thick and glossy. A fine flowering plant. Flowers flesh-colored, in pendant clusters. Can be trained along the ceiling, as it likes considerable warmth.

**PASSIFLORA.**—The Passion Flower. A rampant, rapid grower, with large and attractive foliage. Constance Eliot has white flowers. *Cœrulea* has flowers of a purplish blue.

**MADEIRA VINE.**—A vine with thick, heart-shaped leaves, of a rich green color. Very rapid grower. Blooms well in fall. Flowers in feathery spikes, of delicious fragrance. Very fine.

**CINNAMON VINE.**—A quick growing plant. Foliage very pleasing. Flowers white, of spicy sweetness. *Eben E. Rexford.*



## ORANGE TREES.

(Written for Vick's Family Magazine.)

I have had the Otaheite orange for many years and have always considered it merely ornamental. The oranges are hard and unpalatable. I have the Satsuma, too, but it is small and has never borne oranges as yet. Grafted on Trifoliate stock it is almost hardy in a southern climate. I

have a friend who has the little Kin-Kan orange and it is better than either of the others. The fruit is very small but most delicious, while they make quite as pretty pot plants as the Otaheite.

H. A. T.

## COSMOS.

(Written for Vick's Family Magazine.)

I have often planted Cosmos seed with great resultant success as to foliage, but utter failure as to flowers, by reason of too early frosts. This year we lengthened the season by planting the seed in the house. These came quickly and surely; the plants bore transplanting well, and with rich soil, unlimited sunshine and a daily drenching of the soil, they made a wonderful growth, throwing up a dense mass of fresh feathery foliage, beautiful enough in itself to insure it a place in the garden another year.

Now the Cosmos is a piquant surprise. The plants are crowned with a mass of bloom which attracts much attention. The flowers, borne in loose clusters, on airy, graceful stems, are three and a half inches across, eight-petaled, with a high yellow center which adds much of beauty to the individual flower.

The blossoms are of three very distinct colors; satiny white, velvet red (almost maroon), and a lovely shade of rose or pink, and are poured out with a lavish freedom beautiful to see.

As the plants stand from three to five feet in height and the blossoms follow the sun, they are far more beautiful than might be imagined from any description; and though so frank and bright and cheery, are not coarse in texture but possess a dainty individuality all their own.

The Cosmos is good as a cut flower. Although the foliage wilts almost as soon as cut, it has the happy faculty of reviving after the stems are placed in water and of staying fresh for quite a time.

It is said that the Cosmos bears transplanting when in full flower and thus treated will bloom in the window garden; but it seems too large an undertaking to be ventured upon rashly.

The Cosmos is beautiful in all stages of growth, in foliage, waxy bud and flower, and with a longer period of blooming might rival the Dahlia as an autumn flower. It is easily queen of the garden now, in mid-October, and the favorite exploiting place of bees and butterflies in these warm delicious days. Its unique beauty and charm have won for it firm foothold in my garden for future days. *Dart Fairthorne.*

## When the Woods Turn Brown.

How will it be when the roses fade,  
Out of the garden and out of the glade?  
When the fresh pink bloom of the sweet brier wild,  
That leans from the dell like the cheek of a child,  
Is changed for dry hips on a thorny bush?  
Then scarlet and carmine the groves will flush.

How will it be when the autumn flowers  
Wither away from the leafless bowers;  
When the sunflower and starflower and goldenrod,  
Glimmer no more from the frosted sod,  
And the hillside nooks are empty and cold?  
Then the forest tops will be gay with gold,

How will it be when the woods turn brown,  
Their gold and their crimson all dropped down  
And crumbled to dust? Oh! then, as we lay  
Our ear to earth's lips we hear her say,  
"In the dark I am seeking new gems for my crown—"  
We will dream of green leaves when the woods turn brown.

Lucy Larcom.



## AUTUMN.

(Written for Vick's Family Magazine.)

There is sunshine in the forest  
 Tho' the sky is dull and gray,  
 Brighter now than when the sun shone  
 In the blushing month of May;  
 For the trees wear richer garments,  
 They have turned from green to gold,  
 Amber, scarlet, brown and crimson,  
 Perfect youth in multifold.

Listen to their sweetest music;  
 Harken to their tapping sound,  
 As they touch the harp of nature  
 Softly falling to the ground.  
 And it seems a rippling laughter  
 And a farewell song they sing,  
 As they carpet all the woodland  
 For the coming Winter King.

May each life close as the autumn  
 With a smile exceeding youth,  
 May it fill each heart with gladness  
 As it scatters golden truth,  
 May it cheer the weak and lowly,  
 Help the maim, the blind and dumb;  
 Thus the world will be made ready  
 For the great millenium.

Jennie Bowman.

## THREE FINE WINDOW PLANTS.

(Written for Vick's Family Magazine.)

Comparatively few people know how to make an intelligent selection of plants for the winter window garden. The summer Roses, Fuchsias, Heliotrope, etc., are grown on for winter use after blooming all summer, with the result that the plants show few or no flowers throughout the winter.

It has been our custom for some years to provide almost an entirely new relay of plants for winter blooming, leaving the summer plants to enjoy a well-earned season of rest.

Among the finest dependable winter and spring bloomers are the Cineraria, Calceolaria and Primula, at least, for the ordinary parlor garden. Yet it is rare to see any of them employed within our experience. The reason must be that their virtues are not sufficiently well known, for no one can fail to admire them. Primulas transplant readily, and all can be obtained from the florists, but it has been our experience that Cinerarias and Calceolarias do not bear the change as well as could be desired. But all three can be readily grown from seed at home if one has a reasonable amount of horticultural skill. The seeds of the Calceolaria are very fine and must be sowed with care, but they germinate readily and grow rapidly. The Primula will not bear water about its crown, but this is easily managed by setting the crown well up, and sloping the earth to the sides of the pot, so that the water will not stand in the center. The Cineraria is subject to attacks from the aphids, but its depredations can be resisted by the use of tobacco about the plant—stems on the surface of the soil, and tea applied to the foliage.

Having thus enumerated the points of difficulty in growing each plant, it remains to give cultural directions applicable to them all, first premising that a perfected specimen of either one of them is worth all the care and pains possible to bestow upon it. The Calceolaria is rarest, and is seldom seen outside a greenhouse. It is singularly beautiful, as well as beautifully singular, its large pocket-shaped flowers being spotted and tигred in a striking manner, as well as displaying lovely self colorings. The flowers are borne in great profusion.

Above large luxuriant leaves the Cineraria displays a perfect bouquet of the most brilliant flowers, two inches or more in diameter, the whole forming one of the most symmetrical of plants. The colorings range from deepest crimson to pure white, through the gamut of blue, lilac and lavender; and there are varieties eyed and rayed in the gayest manner.

The Primula wins its way at once to everyone's heart. It is so pure, so dainty, so springlike in its suggestions, that to look at a blooming plant

is to "satisfy one's soul with peace." The perfect rosette of handsome, velvety, fimbriated leaves is almost beauty enough, and then it crowns itself with large trusses of crimped and scalloped blossoms, very large, and of the most delicate tints; white, pink, violet, blush, lilac, and some with pure white or yellow eyes.

The individual flowers are about the size of a silver quarter. They unfold successively, and thus a truss of bloom is very lasting. This plant, like all plants with velvety leaves, should not be sprinkled. The way we grow these plants from seed is as follows: The fine seeds are sowed in boxes of prepared soil, a mixture of sandy loam, leaf-mold, and very old dressing, sifted and well moistened from below, so that the surface may remain light and level. We mix the seeds with a little finely-sifted dry soil, and do not further cover them. We cover the box with panes of glass, and set in a dark, cool place until germination takes place, which will be in two or three weeks. Probably no further watering will be required; should it become necessary, set the boxes in water, and allow it to penetrate from below, in order that the delicate germinating seed may not be washed out. When the tiny plantlets appear give more light and admit air by tilting the glass, thus preventing "damping-off," the especial danger which threatens the tiny specks of green. This stage safely past, prick off into thumb-pots, using a sliver of wood for a trowel. Employ the same sort of earth throughout, and transplant into larger pots as the need arises. Keep the plants cool, and partially shaded, at least at noonday. Keep free from insect enemies, and spray freely the Calceolarias and Cinerarias. From seed sown in May one should have a fine collection of sturdy, shapely plants by the time they need to be brought indoors in the fall. We grow ours on the back veranda during the summer, but some people set the pots out among the shrubbery. The only objection to this is that, unless the plants are under immediate observation, they are likely to be neglected, and neglect means, to the Cineraria, death from aphides, and to all greatly diminished vigor and beauty. They all grow naturally into symmetrical form. When buds form give liquid fertilizer every few days, and do not allow the soil to become dry. Give the Cineraria good light, and in fact all are better for it, but they do not enjoy great heat, and are consequently well adapted for parlor window culture.

Mrs. W. A. Cutting.

## THE LILY OF THE VALLEY.

(Written for Vick's Family Magazine.)

This flower is equally well adapted to the open border, the greenhouse or window. It grows upon rhizome or running root stock, and all such plants multiply rapidly. Bedded out in a moist, shaded position, Lily of the Valley will need no further culture than a top dressing every fall of rich compost.

The most profuse and beautiful bed of this exquisite flower I can recall, has rambléd for twenty years under a broad spreading apple tree, in Richmond, Va. Every spring the light green, oblong-ovate leaves cover the surface of the soil and from their midst the flower scapes rise, covered with bell-shaped snowy-white blossoms, from base to tip. The flowers are so profuse the earth seems under a light fall of white snow-flakes, where they bloom.

If, however, these lovely flowers are wanted for winter, the greenhouse or window culture must be conducted on different lines. It must be borne in mind that the Lily of the Valley loves a freeze. The "pips" or crowns must remain outside until frozen, and then be forced into bloom. For this purpose it is better to patronize the florists than to depend upon home-grown stock. The pips or crowns may be bought in December or January, and the florists having duly subjected them to cold, bringing them into a temperature of about 70 degrees, will force the blooms like magic.

When put into boxes or pots cover the roots lightly with fibrous soil, but over the tops only

strew sphagnum or fibre. Water and set in a darkened place until the green leaves appear. Then bring to gradual light and heat, increasing as growth proceeds. Preserve the humidity by moderate water upon the roots, and an occasional spray upon the foliage. The crowns hold the embryo bloom in readiness, and no plant is more active and responsive, none more sure to bloom.

Strong sun-light is rather to be avoided, as the Lily of the Valley blooms profusely in partial shade. The tempered light of in-door apartments suits the plants exactly. Ordinarily the window plants have only a few hours of direct exposure to sunshine. If possible let these plants have the window with several hours of morning sunshine. In the green-house give the Lilies of the Valley some place that will be shaded for a part of the day. Directly under the glass is not as favorable as a position shaded by larger plants.

Magnolia.

## PLANTS FOR WARDIAN CASES.

(Written for Vick's Family Magazine.)

The growing of plants in Wardian Cases is a fascinating form of floriculture. It has something of the daintiness and delicacy of a miniature painting, and is particularly adapted for parlor ornamentation, as it entails none of the disorder consequent upon most plant culture.

First catch your f—Wardian Case, which may be either the common bell-glass form, or a box-shaped one of any size up to three feet or more. They are commonly made of black walnut lined with zinc, and have, of course, glass sides and top. In the Wardian Case, such limited ventilation as is necessary is provided for by a hinged top. The bell-glass admits air by being slightly tilted, when necessary, as may be known by the appearance of moisture upon the glass. The soil should be light and porous, wood's earth is best, somewhat enriched, if desired.

The plants best suited to the Wardian Case are such as have for their habitat the close moist air of the tropical woods; and delicate, slow-growing sorts are far more satisfactory than the rank growers.

Very many plants can be grown in these Cases, but some few seem peculiarly adapted, like Rex Begonias, Marantas, Fancy Caladiums, Peperomias, Dracenas, the delicate Ferns, Selaginellas, Lycopodiums, and the like. The temperature should be kept uniformly warm. One good watering commonly suffices for several weeks.

An effective Wardian Case may be manufactured at home at a slight cost, if a desirable show case can be obtained. A wooden box whose minor dimensions correspond to the size of the show case is lined with zinc, and the case is tightened with putty, if necessary, and snugly fitted to the box, whose depth need not exceed eight inches, or may be deeper if desired. Ventilation may be secured by leaving one of the back slides so that it will open slightly. In such a cheap and unassuming arrangement, one can grow with complete success many rare and beautiful plants, some, it may be, long desired, but relinquished as unattainable. Here rare ferns will thrive as finely as in an expensive Wardian Case, and one can thus enjoy such varieties as *Adiantum cuneatum*, *A. Farleyense*, or *Lycopodium palmatum*.

In this warm, moist, still atmosphere will thrive the beautiful *Fittonia* and the silvery, broad-leaved *Peperomias*, true children of the close, tropic forest recesses. Ivies will grow, and add the touch of graceful abandon all vines bestow.

Many flowers cannot be expected under the conditions existing in these Cases; some of the Begonias will bloom, of course, Hyacinths may be grown there, and Lilies of the Valley will hang out their modest bells. But the foliage alone will amply compensate for the lack of bloom, from the rich and varied colorings of the Caladiums, the deep, strange tones of the Rex Begonias, the silvery lustre of the *Peperomias*, the sheeny network of the *Fittonias*, and the soft green of ferns and mosses.—W. A. C.



## A Real Test of Nerve.

SOME years ago an eminent railroad man said, "They will build engines that will beat a mile a minute dash with a heavy train, but to operate them successfully you'll have to invent something besides flesh and blood."

And the tenderfoot who has clung to a fireman's "seat-box" while the machine under him was spinning out the miles at that rate will vigorously second the statement.

But that statement was made back yonder in the nineteenth century. This is the twentieth.

The Burlington had completed its eastern cut-off to the Mississippi river, and one locomotive was covering the division between Brookfield and St. Louis, one hundred and seventy-five miles.

The Northern Pacific Express reached the mid-Missouri division fifty minutes late. The engine hauling it was sending aloft a geyser of steam from the safety valve and quivering all over as if enraged that in spite of its best exertions this dishonor had attached to it. And the engine-driver was mean enough to slander it by saying,—

"She just wouldn't make steam."

If the machine could have talked, it would have said something about "nerve."

A helper leaped into the cab as the engineer stepped off, and ran the engine down to the tracks leading to the round house. Then there was slowly backed up to the long line of vestibule coaches that had come in from the coast, a double compound, a type recently adopted by the road. The coupling was made so gently that the most sensitive passenger could not have told when the tender touched the front express car. The engineer, "Australian Jack," as the boys called him, walked over to the fireman's side and looked down the depot platform, where trucks of baggage and express were being noisily wheeled about. A tall man with an iron gray mustache emerged from the crowd and walked up to Number Eight-Hundred-and-Fifty—Jack's engine. He was superintendent of the lines in Missouri.

"Jack," he said, "we're nearly an hour late. The president and two of the directors are along, and they want to catch the Iron Mountain at Union Station in the morning. There's a big consolidation meeting of the Southern lines at Memphis tomorrow, and they have to be there. They won't wait for them if they are late. Blossom lost time out of the Junction because he was afraid of the new track work, and the 'big uns' are almost wild. You understand what this means to me."

Australian Jack touched his hat and inclined his head a little, but said nothing. As the superintendent turned away a messenger boy rushed up toward Eight-Hundred-and-Fifty. The official stopped him and took the message from his hand. He said,—

"Never mind; Jack don't want that now. I'll give it to him at the station."

When Eight-Hundred-and-Fifty started there was no slipping of the drivers, no sudden jerk and shutting off the steam. The engineer clasped the lever with a velvet touch and the wheels began to move. The start was so gradual that the great men, who were smoking their cigars in the rear compartment of the president's car, frowned and wondered if the man at the throttle was of the sort that could gather up that fifty minutes out of a schedule that called for nearly sixty miles an hour.

"I think Jack will make it all right," said the superintendent; "but I'm afraid I played him a

scurvy trick tonight, and one for which he will never forgive me when he learns the truth."

"What was that?" asked the president.

"Well, his mother who lived down the road a piece, had been unwell for several days, and just before starting the telegraph boy went toward the engine with a telegram. I knew it wasn't a train order, because they were all in. It struck me that Jack had better not get the message just then, and I took it. It was from his sister and simply said, 'Mother is dead,' concluded the superintendent, with a sigh. "It was too late to get another man, and I didn't tell him."

"And he is ignorant of his misfortune?" said one of the directors.

"Of course," answered the superintendent. "It might be dangerous to let him know while making the sort of run he has to make tonight." The speaker judged from sharp experience.

The men smoked their cigars in silence. The smooth-rolling cars began to gather momentum but there was no jerking no swinging of the solid train—just an easy slipping along as a pneumatic-tired buggy might run over a velvet carpet.

The superintendent explained the distances between the stations and the men who had thousands at stake on the success of the run got out paper and figured the rate at which the miles were being thrown behind. The thirty-four miles to Macon were made in thirty-nine minutes—the numerous coal switches in Macon county being responsible for the loss of five minutes. This made fifty-five minutes behind and the railway magnates gloomily shook their heads.

"Boys," said the president. "I'm afraid the jig is up. He'll never make it. It's queer they refused to postpone the meeting; guess they don't want us there."

The superintendent looked at the floor and said nothing. It seemed to the impatient men in the rear car that the express and baggage men at Macon would never get through. At last the signal was given and the train started out on the new St. Louis cut-off. After creeping through the yards, it came to the open and plunged through the rich farming lands, where the early pioneers of the Middle West had fought Indians, levelled the great forests and made history. The rock-ballast road-bed was as level as a billiard table, and Australian Jack had struck the schedule gait before the officers realized it. At a tiny station ten miles northwest of Paris the superintendent noted his watch. Within ten minutes the roar of the rushing express train started the echoes in the drowsy county seat of Missouri's Democratic Gibraltar, Monroe county, and a minute afterwards the red lights on the rear car were disappearing in the direction of the Mississippi. There was but one more stop before the Missouri river was reached, and the superintendent knew Jack would make the run of his life to Old Monroe.

The next ten miles was made in eight and one-half minutes. Then the engine settled down to work. The rate was increased to ten in eight minutes; then in seven; then in six which was the limit and which was held without deviation. The president dropped back in his chair. He knew the man in front was doing everything that humanity could accomplish. Out of every ten miles traversed he was placing four minutes against the fifty-five on the debit side, and if the gait was kept up to the city limits the train would back into the Union station exactly on time.

As the early dawn of the June morning crept over the Mississippi, the limited crossed the line of Audrain and invaded the soil of old Pike, the starting point of so many of Missouri's worthy sons. Some of the passengers, scenting the approach to the river, walked out into the vestibules to look at the scenery in the twilight. Then they noticed something of which they had been unaware while lying in their chairs—that the mile-posts and other objects were whizzing past them at a rate they had never before experienced in all their lives. It was hard to believe that that gently rocking train was annihilating distance at the rate of eighty miles an hour, but that is the story the mileposts told.

At Old Monroe there was a wait. The dispatcher had calculated on a run of only sixty miles an hour out of Macon, and had permitted a north-bound train to leave West Alton on the limited supposed lost time. The president and directors frowned and began to look anxious again. Ten minutes were placed on the wrong side of the ledger. The officials from their observatory glared at the innocent freight engineer and the president said something the Sunday school books don't approve of.

It seemed so long this time before Eight-Hundred-and-Fifty struck maximum that the president thought the engineer must have abandoned the task. He suggested that the superintendent go forward and see what the matter was, but that gentleman said,—

"We are on a gradual grade and have an unusually heavy train. He's doing the best he can. I think he'll make it."

Along the river before striking the bridge is a level stretch of road, and about the best on the system. When Eight-Hundred-and-Fifty reached it she "jumped" like a race horse. It was the first jar felt by the passengers during the trip from the central Missouri division. Along here the speed of the train was little short of a hurricane. The section was covered before the passengers hardly realized they were on it, and the train leaped over the bridge without diminution of speed. Then a smooth road, a few turns, and the heavy fog of the city obliterated the appearance of day. The officials looked at their watches.

"There's only one way he can make it," said the president. "Will there be much travel over the streets this early, do you think?" he asked the superintendent.

"There'll be some," that officer replied, "but they'll open the bell valve and take the chances. If we don't strike anything you'll reach the station to the second."

Along the winding, wriggling track around the lumber yards, warehouses, glue works and factories the nerve-racking rate was held with death-like tenacity. At one crossing a team escaped annihilation by hardly a hair's breath, and the men who looked out of the glass windows in the rear could see the driver and several people gesticulating and shaking their fists in their direction. With a roar and a rush the train shot up on the elevated, flew past the ancient levee warehouses, around the tenements in the southern district, and then took one strand of the web south of Union station and followed it to a given point; then stopped and slowly backed into the sheds.

"Gentlemen," said the superintendent, "the Iron Mountain is over on the tenth track. You have three minutes to reach it."

[Continued on page 28.]



### "Down to Sleep."

November woods are bare and still;  
November days are clear and bright;  
Each noon burns up the morning's chill;  
The morning's snow is gone by night;  
Each day my steps grow slow, grow light,  
As through the woods I reverent creep,  
Watching all things lie "down to sleep."

I never knew before what beds,  
Fragrant to smell, and soft to touch,  
The forest sifts and shapes and spreads;  
I never knew before how much  
Of human sound there is in such  
Low tones as through the forest sweep  
When all wild things lie "down to sleep."

Each day I find new coverlids  
Tucked in, and more sweet eyes shut tight;  
Sometimes the viewless mother bids  
Her ferns kneel down, full in my sight;  
I hear their chorus of "good night;"  
And half I smile, and half I weep,  
Listening while they lie "down to sleep."

November woods are bare and still;  
November days are bright and good;  
Life's noon burns up life's morning chill;  
Life's night rests feet which long have stood;  
Some warm soft bed, in field or wood,  
The mother will not fail to keep,  
Where we can "lay us down to sleep,"

Helen Hunt Jackson.

### Count Waldemar.

(This story was begun in October.)

BY STANLEY LITTELL.

My faith in my favorite spring received a blow that morning from which it has never fully recovered. Meanwhile the unconscious disturber of my peace was to all appearance getting on at a great pace with Mrs. Seymour. Their conversion did not appear to flag for a moment; and every now and then the sound of his laughter reached my ears above the din of the band, the shuffling of footsteps, and the buzz of many voices. Such a jolly, joyous laugh as it was! No snigger, nor cackle, nor half-smothered outburst, but a fine, rich ho-ho-ho! as natural and irrepressible as the song of a bird, and, to my ears, nearly as musical. I declare that, if I had been a woman, I should have felt three-parts inclined to marry Count Waldemar for the mere sake of his laugh, knowing that it could only proceed from the most manly and honest of hearts.

He caught me up after I had set my face homeward, and clapped me on the shoulder with much warmth. "You are my very good friend," he was good enough to say. "I shall never forget wass you have done for me."

"You have nothing to thank me for. I should not have introduced you if you had not forced me into doing so," I replied candidly. "The truth is, there is no chance for you. I know my countrywomen better than you can do, and I assure you that, though Mrs. Seymour may find it amusing enough to hear you talk, she will no more think of accepting your offer (if you are foolish enough to make her one) than she would of drinking three glasses of mineral water, highly charged with carbonic acid gas, because your lips had happened to touch the rim of the tumbler."

"Now, that we shall see," he rejoined, in no way disconcerted.

"Setting aside the question of your nationality and of her very slight acquaintance with you" I continued, "I must tell you that she is a woman of considerable fortune."

"*Fa-so?*" quoth he, quite imperturbably. "That is all the better; for I am myself a poor man. Money brings not happiness, but is no bad addition to happiness."

The perfect good faith with which this copy-book maxim was enunciated was in its way imitable. It was clearly absurd to waste more words upon one so ignorant of the first guiding principles of civilized society, so I went home to breakfast.

### II.

I am one of those who look back with regret to the palmy old days of M. Blanc and Benazet.

I never could see that the interests of public morality required the suppression of the gaming-tables, nor, for that matter, that it is the legitimate province of governments to look after the morals of law-abiding people at all. It has always seemed to me that, if I had gambling propensities, it would be far better for me to indulge them in public than in private. Those who stake against the bank play with an adversary who at least has no cards up his sleeve, who expects no "revenge" from a winner, who neither takes nor offers I O U's, who gains without unseemly exultation, and may be "broken" without being ruined. Of course I know all about the clerks who used to rob their masters' tills, and the peasants whose hardly-earned wages used to disappear on Saturday nights over the green cloth; but an obligatory deposit of twenty pounds or so, to be returned on the departure of the visitor, would have effectually excluded these simple folks; and really, if our rulers are to begin protecting us against ourselves, where are they to stop? Why should we not be forbidden to back a horse, or to invest our money in South American securities, or to go out in wet weather without an umbrella and cork soles?

I feel the more free to say all this inasmuch as neither M. Blanc nor M. Benazet ever made a single thaler out of me, except in indirect ways. It is not from any love of *trente et quarante* or *roulette* in themselves that I would fain see a restoration of those merry monarchs, but because their little kingdoms, which were once so joyous, are now left desolate, or nearly so. Their flower-gardens are growing less flowery every year; their well-mown lawns are well-mown no longer; their paths are grass-grown, or strewn with falling leaves; their *prima donna* and Parisian actors find more lucrative summer engagements elsewhere; the very gilding on their palace walls is beginning to tarnish, and will, perhaps, not be renewed; for where is the money to come from?

Homburg, it is true, is more highly favored than its neighbors, fashion having chosen to decree of late years that it should be the proper thing for the English great world to repair thither for a time at the close of the London season; and I must confess that now, when I do my annual three weeks of water-drinking, I mix in a more aristocratic as well as more respectable society than of yore. But then it is a considerably duller one. With the exception of lawn-tennis and dancing, neither of which relaxations are altogether suitable to the age of a majority of the *Curgaste*, Homburg is somewhat wanting in amusements in these latter days; and I suppose that is why everybody was so determined to be present at the steeplechases mentioned to me by Count Waldemar, that, on the appointed day, there was not a carriage to be had in the town for love or money. I myself was glad enough to accept the offer of a box-seat from some friends; for, anxious though I was to see how my new friend would acquit himself in the saddle, I had no idea of trudging two or three miles under a blazing sun for that or any other purpose.

The improvised course was pleasantly situated upon a slope of the Taunus Mountains, commanding a wide view of the rolling plain on which Homburg stands, of yellow cornfields and waving woods, and the spires of Frankfurt glittering in the distance. Mounted policemen in spiked helmets were galloping hither and thither without any ostensible object; flags were fluttering, a military band was in full blast; a large concourse of country people in holiday garb lined the hillside, and a triple row of carriages, displaying much quaint variety in build, was drawn up in the neighborhood of the winningpost.

In one of the latter I soon made out Mrs. Seymour, of whom, after the exchange of a few commonplaces, I could not forbear from inquiring her opinion of Her von Ravensburg. She laughed heartily, as at some diverting reminiscence.

"Charming!" she replied. "Thank you so very much for introducing him to me. I don't know when I have met anyone who has made me laugh so much."

I doubted whether this were exactly the im-

pression the young gentlemen had intended to produce, and I said so.

"He does not intend to produce any impression at all," answered Mrs. Seymour. "That is just what makes him so delightful. Instead of thinking about himself, as most Englishmen do, he thinks about the person he is talking to—and tells you what he thinks, too, in the most innocent manner."

"Did he tell you what he thought of you?" I asked.

"He did indeed. He said I wore false hair, and that that was very bad taste. Also he informed me that I ought not to go down to the springs in the morning alone."

"How very rude of him! Did he say nothing more than that?"

"Oh, yes, he paid me some compliments. He could hardly do less after being so plain-spoken. Ah, here he is. Now we shall have some fun."

The dialogue that ensued was funny enough in all conscience, but I doubt whether Mrs. Seymour fully appreciated the humor of it. To an onlooker nothing could have been more comical than the freak of fate which had brought together these two widely differing types of humanity, and inspired each of them with a desire to penetrate beneath the outer crust of the other's individuality. By education, by habit, in thought and in mode of expression, they were as remote from one another as a Chinaman from a Choctaw; and I question whether they had a single quality in common, unless it were that of good-nature. Mrs. Seymour understood, no doubt, that this young German was greatly smitten with her—she must have been blind indeed to have ignored that—but I think that her comprehension of him began and ended there. As for him, he palpably could make nothing of the English lady whose charms had conquered his heart. It was easy to see that he was a little shocked, as well as fascinated, by her freedom of manner. The idioms of her fashionable slang puzzled him, and he could not quite follow her quick repartees. More than once I caught him gazing at her with a look of troubled bewilderment in his blue eyes, which gradually melted into a smile as reflection brought him a clue to her meaning.

"Ah, you were laughing at me," he would exclaim, breaking into one of his own hearty peals at this remarkable discovery. And then fat Mrs. Grey would laugh too, without knowing why; and so by degrees we all became very friendly and merry.

In the mean time the afternoon was wearing on. The three first events on the card—steeplechases they called them, but the obstacles to be surmounted were not of a very formidable kind—were disposed of, and the time was approaching for the great race of the day, in which Count Waldemar was to take part. We all wished him success when he left us, and, as we hurried away, I noticed that he was twirling between his finger and thumb a white rose very much resembling a cluster of those flowers which Mrs. Seymour wore in the front of her dress.

After a short delay the riders came out, and thundered past us, one by one—a yellow cap and jacket steering a big-boned, fiddle-headed roan; a blue jacket and black sleeves struggling with a chestnut who seemed a little too much for him; then some half-dozen others, whose colors, to tell the truth, I have forgotten, and likewise their horses. Last of all Count Waldemar cantered by, mounted on a little brown horse whose looks did not take the fancy of the ladies. Nor, for that matter, were they much better satisfied with the appearance of the count himself. He wore his uniform—a queer costume, certainly, in which to ride a race—what had he done with that white rose but stuck it in the side of his flat cap, where, I must confess, it looked excessively absurd and conspicuous. Mrs. Seymour was not a little annoyed, I think, by this bold advertisement of her favor, but she was too much a woman of the world to make mountains out of molehills. However, she unfasted her own roses from her dress, and tossed them into the



hood of the carriage, saying plainly that she did not wish to be laughed at by all Homburg.

I am not a sporting man myself, and should never think of trusting to my own judgment in a matter of horseflesh. Therefore, although I was by no means so displeased as my companions with Count Waldemar's mount, I did not venture to say anything to excite their hopes until I had consulted a racing man of my acquaintance, whom I found near the judge's box surveying the scene with hat cocked and arms akimbo, patronage, not unmingled with disdain, expressed in his gaze.

"Good wear-and-tear little nag. Might win, I should say, over a long course like this, if his owner knows how to ride him," was the verdict of this oracle. "The roan's the favorite, they tell me, but, Lord bless you! looking at a horse'll never show you what he can do, especially with these fellows up. Lay your six sovereigns to four against the little brown, if you like, just to give the thing an interest, you know."

Modestly accepting this offer, I returned to tell Mrs. Seymour that I thought our man had as good a chance as anybody; and had just time to clamber up on to the box of her carriage, and get out my field-glasses, before a start was effected.

As I have already intimated, I have no pretension to say in what manner a race should or should not be ridden; but, dear me, the pace at which those young men dashed off, and the way they rushed at their fences! The yellow jacket took the lead, and kept it; the others were all together, a couple of lengths or so behind him—whipping and spurring, some of them, before they had accomplished a fourth of the distance. I was glad to see Count Wademar lying well in the rear of this charge of cavalry, sitting still in his saddle, and evidently biding his time, like a sensible man. His little horse, with whom he seemed to be upon terms of perfect mutual understanding, popped over the fences cleverly enough, and looked full of running.

The race was twice round the course, and when the first circuit had been completed, it was clear to the most inexperienced eye that there were only three horses in it—the roan, the chestnut, and the brown.

Of the remaining competitors, one had gone the wrong side of a flag, and had pulled up, two had come to grief, and the others were hopelessly beaten. The roan was still ahead; the chestnut, all in a lather, was separated from him by a few lengths; and the brown was a little further behind than I quite liked to see him. Now, however, he began to creep slowly up; at every jump he perceptibly gained ground, and before very long secured the second place. This order of going was maintained up to the last fence, over which yellow-jacket lifted the roan as if it had been a five-barred gate instead of a modest little hurdle. Count Waldemar slipped past him while he was still in the air, and cantered in without once lifting his whip.

"I am so glad!" cried Mrs. Seymour, as soon as she could make her voice heard above the acclamations that greeted this finish. "He did ride well, did not he, Mr. Clifford?"

"Couldn't have ridden better," I responded heartily, thinking of my six pounds and of the knowingness I had displayed in picking out the winner. "You see I was not very far wrong. I must say for myself that, though I don't profess to know much about racing, I have a pretty good eye for a horse, and—"

"Oh, but it wasn't the horse at all," interrupted Mrs. Seymour rather unkindly. "Anybody could see that that ugly little thing would have had no chance whatever if your friend had not ridden so perfectly. I wonder whether he is very much pleased."

"He looks so, at all events," remarked Mrs. Grey.

In truth the countenance of the victor, who was just now being led away in triumph by a crowd of his comrades, wore an expression of delight which he made no attempt to conceal. He had dropped his reins, and was throwing his arms

about and talking eagerly, evidently explaining what the nature of his tactics had been, while all his features literally beamed with glee. Those who have happened to observe the face of a very small boy who has astonished everybody by a clever catch at cricket, will have some idea of Count Waldemar as he appeared in this moment of success. Only to look at him did one's heart good, and, as I watched him, I rejoiced more than ever in his victory, for I saw then how dreadfully disappointed he would have been if he had lost.

It is hardly necessary to relate how he eventually reappeared beside Mrs. Seymour's carriage, how he was received by the ladies with warm congratulations, and how every incident in the race had to be recorded in detail. I, for my part, having said what was proper, benevolently took away Mrs. Grey to look at the water-jump, perceiving that, if Count Waldemar was ever to make an impression upon the heart of the widow, now would be his opportunity.

No doubt he made good use of his time. I left the racecourse without seeing him again; but happening to dine that evening at the Cursaal, I had the satisfaction of witnessing from afar a well-attended and somewhat uproarious banquet, at which he was the chief guest, and which was given, the waiter told me, by the *Herren Offiziere* who had taken part in the steeplechases. A silver cup of surpassing hideousness, displayed in the middle of the table, was, my informant added, the trophy won by the hero of the day; the Herr Graf's health was about to be proposed, and doubtless he would make a speech in reply. Distance debarred me from enjoying the Herr Graf's eloquence; but judging from the applause it elicited, I conclude that it was worthy of him and of the occasion, and I observed with pleasure that his high spirits had not deserted him.

While I was drinking my cup of black coffee in the open air afterwards, he came out and joined me, as I had half expected that he would do. I asked him whether closer inspection had lessened his admiration of my countrywoman's charms, and he said not at all. On the contrary, he was more than ever convinced that he was now in love for the first and only time in his life, and more than ever determined that Mrs. Seymour should, ere long, change her name for that of Gräfin von Ravensburg. At the same time he gave me to understand that love had not blinded him to certain imperfections in the lady of his choice. He took exception to sundry tricks of voice and gesture, which, with a German's instinct for spying out the infinitely little, he had remarked in her; he pronounced her to be too *emancipiert*, by which, I take it, he meant "fast," and feared that the poetical side of her nature had not been sufficiently developed. But these, after all, he concluded, stretching out his long legs, and blowing a cloud of smoke into the still evening air, were but trifles, which marriage, and a residence in the cultured society of Stuttgart, would soon correct.

"Do you know," said I, "I think you are about the most conceited young man I ever came across?"

He opened his eyes in genuine amazement.

"Conceited!" he cried; "now that has never been said of me before. What for do you call me conceited?"

I pointed out to him that modest men do not, as a rule, expect ladies to fall in love with them at first sight.

"Ah, that is your English notion. You consider yourselves the first nation in the world, and yet it is rare that you will find an Englishman who does not affect to speak against his country. That you call modesty, but I think it is a great foolishness, for you do not mean wass you say. And so mit other things. I do not expect as every lady shall fall in love with me—no! But one—that is another thing. If it has happened to me to love her, why should she not love me? I am very sure that your wife has loved you before she has married you."

"An impartial study of Mrs. Clifford's character during some twenty years of married life would have led me to form a somewhat different conclusion," I answered; "but doubtless you know best. I can assure you, however, that I have never had the audacity to offer marriage to anybody within a week of my first meeting with her."

"Berhaps," said he gravely, "you have never met the lady whom Gott has meant to be your wife. If you had, you would know that it is of no importance whether a man shall speak in two days or in two years. For me, I have no choice. I must join my regiment tomorrow, and so it is necessary that I declare myself tonight."

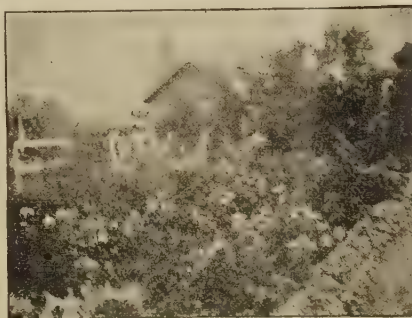
"And pray how are you going to find your opportunity?"

"Ah, for that I have had to employ a little diplomacy," he answered, pronouncing the word "diplomacee," with a strong emphasis upon the last syllable, and accompanying it with a look of profound cunning which I would not have missed for worlds. "I have arranced to meet these ladies at the band, and to show them the race-cup, which, as you know, is in the restaurant. Now, diess is my plan. I join them when they are already seated, and I say: 'One lady will be so kind and keep the chairs while I take the other indoors.' I take Mrs. Seymour first, and then—you understand."

He went off presently to carry out this wily stratagem, having first promised to call at my hotel early the next morning, and let me hear the result of his attempt.

Somehow or other I could not help fancying that there might be a chance for him. Women like youth and good looks and proficiency in manly sports and a pretty uniform, and Mrs. Seymour was rich enough to indulge in a caprice. I had taken so strong a liking to the young fellow myself during the three days of our intimacy, that it did not seem to me an absolute impossibility that a lady should have fallen in love with him within as brief a period. I ought of course to have known better. I ought to have remembered that we do not live in an age of romantic marriages and love at first sight, and to have foreseen that Mrs. Seymour would receive the young German's declaration exactly as ninety-nine women out of any hundred would do.

(TO BE CONTINUED.)



## The Garden.

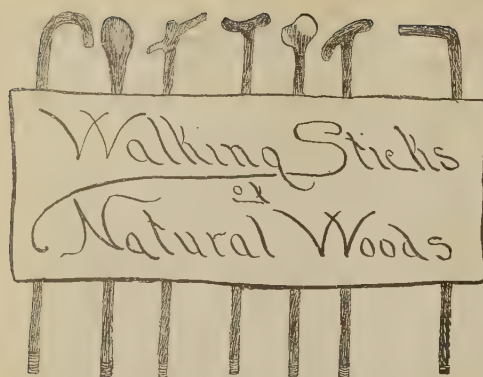
When birds are Southward winging  
And winds of Autumn sigh,  
O'er garden beds we linger  
To see the blossoms die.

The fairest and the brightest,  
We grieve to let them go,  
Dead loves, their graves will vanish  
Neath Winter's gentle snow.

And we will oft remember  
Their fragrance and their grace,  
The flowers that made the garden  
The holy trysting place.

—Ruth Raymond.





Walking sticks are of great antiquity. Both for use and for fancy in following the fashion, they have continued in high favor, the world over. The rod and staff of the aged, the decrepit or the pilgrim; the single-stick and quarter-staff of the combative; as well as the light bamboo and rattan or fancy canes of fashion, are alike in demand.

The manufacture of walking sticks constitutes a very large and important branch of industry. The sales are immense. The varieties of wood used would be impossible to enumerate. The sticks are cut from many kinds of wood in different countries. Some countries engage more in furnishing the sticks, and others in dressing, polishing and mounting them. England imports more extensively than any other country. Hamburg and Paris excel the world in polishing and mounting canes. Paris sends forth the most beautiful and costly gold, agate, pearl, and ivory headed canes or sticks. Liverpool imports over five million undressed sticks and the value when mounted exceeds 25,000 pounds.

England, Germany, France, and Italy furnish oak, hickory, walnut, thorn, bay, hazel, myrtle, orange, pomegranate, plane, cherry and other woods, the hard woods being the most valuable. The United States alone furnishes as great a variety of woods for walking sticks and umbrella handles as all other countries combined; excepting, of course, mahogany, rosewood, sandal and other products of the tropics. China, Japan and the East Indies furnish bamboo which probably is the most popular of all wood. Bamboo is classed, technically, with woods, but botanically is an arborescent grass, *bambusa arundinacea*, that grows 40, 60, or 80 feet high. The stems are hollow, and are hard and shining as if enameled. The height of the bamboo is altogether disproportionate to the size, a plant 50 feet high frequently not being more than 5 inches in diameter. The stems are divided into joints or septa, called knots or internodes. These joints are formed by internal vascular fibres crossing and recrossing, and from them grow the laterals or branches. The distance between the joints varies, in large plants several feet intervening. For walking canes from medium to small sizes are preferred. The joints are darker in hue than the intervening wood, which makes naturally beautiful ornamental canes. The heads of bamboo canes are easily contrived by steaming the wood until it can be turned, or bent, forming either a curved or an angled head. They are light and pleasant to handle, while the price is less than that of hard woods, which are generally more expensively mounted than bamboo.

During the summer vacation walking sticks as curios can be collected from almost any locality. Commercially considered, it is a very important industry, and from a domestic point of view, for amateurs, a fascinating matter to engage the leisure hours. Any ingenious boy can cut sticks from the woods, peel off the bark, polish with sand paper, straighten and cure them, ready for the final polishing and mounting, if the latter is to be done. The natural head of the stick, however, is more novel, and where the souvenir of a place is sought, the more of natural characteristics, and the less of artificial, the better.

Straightening sticks, in a domestic way, is done by tying a heavy weight to the lower end, and a rope or strong cord to the head, and lowering the stick in a well or pool of water deep enough to cover it; even a hoghead of water will answer for a dozen sticks at a time. When perfectly straight, lay them to dry, when the final polishing with sand paper, linseed oil applied with a woolen cloth, and last of all, a coat of alcohol-shellac will bring out the natural beauty of the wood. Undressed sticks are brought across the ocean, tied to the rear and lower parts of vessels. They drag or trail in the salt water and are made hard and as straight, as an arrow by the continued resistance against the water.

The Indians make bows and arrows only of the hardest wood. The flexibility of hickory wood makes it popular for bows. Hickory naturally has knots that when cut into comely forms, make walking stick heads of convenient sizes.

A ramble over the mountains, along the water ways, anywhere in the forest, and many times a copse, or an old line of fence where saplings have sprouted and entered a monopoly of ground, will reveal many curious branches, straight, and of convenient walking stick size, with a manner of growth at the junction that admits of being cut and fashioned into an angled, a curved or knotted head. Even wild grape vines may occasionally be utilized. These vines sometimes stretch themselves taut from the ground to the over-head branches of a tree. Where they clasp the branch, the curve may be cut in such a way as to make a convenient hand grasp. Wild grape vine makes a dark wood of rich, reddish-wine-on-the-lees color. It is strictly a novelty for sticks.

As souvenirs of the Gulf coast and Atlantic sea board the live oak walking sticks are already formed. The limbs of the trees naturally angle and curve in comely, symmetrical, and occasionally in grotesque form, so that it would be almost impossible to cut a stick without a natural head.

*Abies picea*, or Spruce pine, surrounding Mount Vernon, has furnished souvenir walking sticks for tourists from all parts. Pine of all kinds is full of resin. Steaming in quite hot water extracts the resin, and when polished with alcohol-shellac it shows lovely grain as clear as tortoise shell.

Cherry polishes as clear and is of the same exquisite dark red as carnelian. Wild cherry grows in every part of the United States. Both the red and black cherry have red wood, the black of darker red than the other.

Apple trees of the old homestead orchard will furnish beautiful walking-stick wood. It is hard and of fine grain, taking the same polish in sticks as in seen in croquet balls and mallets, which are made of apple wood. Hickory is one of the most pliant, but strong of all woods. A perfectly straight stick may be heated in boiling water, and given any kind of a head the ingenuity contrives, simply by bending the end.

Pomegranate and thorn may have the thorns cut away, so as to leave little button-like projections, where the thorns grew. The thorns are lighter in color than the main wood and when polished, shine like gems, up and down the stick.

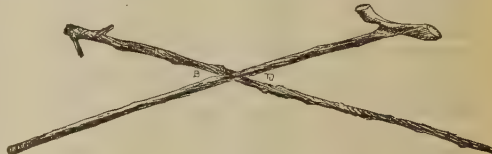
Oaks, hickories, walnuts, and chestnuts are grown from acorns and nuts in nursery rows, specially for walking sticks. The saplings are kept as straight as an iron rod and when of desired size are cut. No laterals are allowed to form unless near the ground, where the part of the stick that makes the head is developing. On that part of the sapling, one or two side shoots may grow and when the stick is cut, by trimming them off at an angle, they form the natural head so much admired.

There are regular walking-stick woods, all of which are known in commerce as hard-woods, but as curios, many kinds are interesting and well worth collecting. Probably the only kind to be

found in a certain locality may be unknown in walking-stick manufacture, yet when cut and dressed in an ingenious manner may make a unique souvenir of travel. There may be a plane, an oak, apple, or orange tree that from association will bestow a value upon the sticks cut from the branches. Hazel, known in Europe and this country as the tree that furnishes the divining rods, superstitiously believed to locate water under ground when wells are to be bored or dug, has beautifully angled limbs, and while not classed among walking-stick woods commercially, is a souvenir well worth preserving, and one that may be found in almost any route of travel. Witch hazel grows freely in all parts of the United States. Science, of course, denies the fact, but nevertheless the old superstitions that witch hazel rods will also turn in the hand when they touch the ground where gold and silver lie, have given rise to many thrilling romances.

Holly wood is close grained, hard and creamy-white, like ivory. It takes exquisite polish. Orange is the souvenir wood of Southern California and Florida. It is white and when dressed and polished is as smooth and white as glove kid.

Mrs. G. F. Drinnan.



The Loco Weed.

There grows upon the deserts and cattle ranges of the Rocky mountains a slender plant of the Lobelia family, with a purple blossom, which is called the "Loco." It is sweet to the taste; horses and cattle are fond of it, preferring it to any other food, which they often refuse after once having tasted the Loco. But the plant is poisonous, or rather, to speak exactly, it is "the weed of insanity." The effect upon the horse seems to be quite as much mental as physical. He behaves queerly; he is full of whims; one would say he was possessed. He takes freaks; he trembles; he will not go into certain places; he will not pull straight; his mind is evidently affected; he is mildly insane. In point of fact, he is ruined; that is to say, he is *locoed*. Further indulgence in the plant results in death, and rarely does an animal recover from even once eating of the "insane weed."

The shepherd on the great sheep ranges leads an absolutely isolated life. For weeks, sometimes for months together, he does not see a human being. His only companions are his dogs and the three or four thousand sheep he is herding. All day long, under the burning sun, he follows the herd over the rainless prairie as it nibbles here and there the short grass, and slowly gathers its food. At night he drives the sheep back to the corral, and lies down alone in his hut. He speaks to no one; he almost forgets how to speak. Day and night he hears no sound but the melancholy, monotonous bleat of the sheep. It becomes intolerable. The animal stupidity of the herd enters into him. Gradually he loses his mind. They say he is *locoed*. The insane asylums of California contain many shepherds.—Selected.

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### The Quiet Life.

Happy the man whose wish and care  
A few paternal acres bound,  
Content to breathe his native air  
In his own ground.

Whose herds with milk, whose fields with bread  
Whose flocks supply him with attire;  
Whose trees in summer yield him shade  
In winter fire.

\* \* \* \*

Thus let me live unseen, unknown;  
Thus unlamented let me die;  
Steal from the world and not a stone  
Tell where I lie.

—Alexander Pope.

I went through a kitchen the other day in an old house in Massachusetts. It was arranged exactly as we should have found it had we stepped in there more than a hundred years ago. The great brick fire place had a hook on which hung the one great iron pot which was the house-keeper's best treasure. Some little stands mounted on legs stood about on the hearth or in the ashes to keep a teapot hot, or for the potatoes previously roasted in the ashes. Was her work any more severe than that of the housewife today? We fancy not, for the increased facilities for doing work have done away with the simplicity of those days, and our demands have kept pace with labor saving devices.

There was one point where the woman of a hundred years ago had vastly the advantage of us. The never-ceasing clamor of dishes to be washed was not hers. A great trencher or charger of pewter contained the meat and vegetable stew, with perhaps a pewter dish for father and mother, and one for each two children. Some pewter spoons, a few knives, some mugs and very occasionally cups and saucers were all the "plenishing"—were all the housewife had to look after. It was not till nearly 1800 that any china to speak of found its way into this country.

There is a delightful little pamphlet called "Blessed be drudgery," but as it was written by a man he probably does not know what it really means, and won't till he officiates say for one year, at the kitchen sink. The worst of it is that there seems no way of ameliorating this particular branch of housekeeping. A high stool is recommended, but it is annoying to be obliged to hop off every few moments to set away the utensils already wiped, and when one begins to labor to save steps, things do not always get the attention that they should. Good hot water, plenty of soap and abundance of dry towels, are the only factors which lighten this work.

Much scientific experimenting has given to us as good healthful food, many things that only a few years ago were deemed quite harmful. Nuts which till quite recently have been looked on as delightful but deadly, are now advanced as nutritive and unusually valuable to people of advanced years. It is said that they contain a special kind of salt adapted for lubricating or softening the muscles of the arteries, from the stiffening of which people of mature years are apt to suffer. The only point to be carefully con-

sidered is their mastication, they should be so thoroughly chewed that no large bit should be allowed to enter the digestive organs. The large chestnuts of France and Italy enter largely into the diet of the poorer classes of those countries, taking the place of corn meal which is not known there. They use these chestnuts also in their bread, and bread and walnuts is also a favorite meal, the rich nuts almost taking the place of meat, which is so scarce an article in those humble homes. Today, nuts, instead of being considered a frill to a Thanksgiving dinner, or an unwholesome but delightful tid bit to be eaten before going to bed, are becoming an article of staple diet. They not only provide a solid food by themselves, but may be added with advantage to many dishes which are a part of our daily menu. A cup of nuts chopped rather fine and added to any salad, renders that dish of sufficient nutritive value to serve as the base of a meal, particularly if it be dressed with the best quality salad oil. The salt used in French dressing acts as a valuable aid to digestion in dissolving the nuts, and just here it may be well to state that a pinch of salt taken after eating nuts will prevent indigestion. Indeed some people go so far as to give nuts, chopped very fine to invalids from whose dietary sugar is barred, but this seems to be a rather risky proceeding, unless the physician agrees.

Cornstarch pudding, always a rather tasteless compound, has a delightful consistency, and agreeable flavor added by a cupful of chopped almonds.

Even the humble peanut, formerly relegated to small boys and the circus tent, is now valued for its nourishing qualities, containing as it does more nitrogen than even meat or eggs. It has been raised from its lowly estate, the oil extracted, and the pulp made into flour. We have never experimented with them in this form. But to shell the small thin-shelled peanut, take off the red skin which surrounds the nut, pound up the kernel with a little sugar, we do know the virtue of. The paste made from the nut and sugar is very agreeable to taste, and spread as a filling on bread sandwiches, either white or brown, it is delightful. It is said to be a better food than cold meat sandwiches,—and just try it on the children!

Pecans are a delicious nut when carefully shelled. Their cultivation has increased largely in the past few years, and very fine large ones, with comparatively tender shells can be obtained in the markets. It is these nuts which are recommended particularly to elderly people, probably because they contain a rather smaller proportion of oil. To give an idea of how much of this substance some of our native nuts contain, we may mention in passing that we saw fourteen drops squeezed from a large sized butternut. Yet in many a New England kitchen a pan of these nuts, accompanied with apples, is considered a good nightcap before going to bed of a winter's evening.

There is a great shake up going on in our accepted ideas of what is healthful and nutritious, and what is merely "filling" in the way of food. Science is taking a hand in determining these facts, and bringing to the fore, hitherto neglected

food products. All nuts are improved by blanching which is a very simple process. Throw the shelled nuts into boiling water, let them remain a few moments and then rub off with the fingers the brown skin which covers them and which is usually very tough.

A delicious pure candy which is much relished by children is made by the following recipe: Take two cupfuls of confectioners' sugar, put in a saucepan and place over the fire. As soon as it is dissolved throw into it one cupful of any shelled and chopped nuts, stirring quickly. Pour into a buttered pan mark into squares, or just press flat with a buttered knife. You will have to work quickly for it "sets" very quickly. Maple sugar may be melted down and treated with nuts in the same fashion. Peanuts or walnuts make the best filling.

Did you ever try stewing pears that have little flavor with maple sugar? Or did you ever make a jam of plums and maple sugar? This is a favorite recipe among some old families down the Hudson river in the neighborhood of Catskill. They assert that it is a recipe come down from those early days when cane sugar was scarce, but when maple sugar could be got every spring, or even obtained in that curious granulated form which only the Indians know how to prepare.

I always feel sorry for those children whose mothers declare with an expression of great virtue, "I never allow my children to eat any candy." They crave the sweet as much as older people; it will not hurt if given in the proper quantity and at proper time, and this time is directly after a meal. Then the candy is digested with the other food and the stomach is not disturbed at an usual time, for it may be unhesitatingly put down that all eating between meals is bad, no matter if it be fruit, bread and butter, or candy. In giving candy to children of course the greatest item to be observed, is its purity. No white clay, paraffine or manufactured acids should enter into its composition. For this reason what you make at home is much the best, and two or three pieces administered each day as a sort of extra to dessert, or to take the place of that dainty, are easily relished.

Peppermints are no trouble to make. Two cupfuls of granulated sugar and half a cup of water. Let it boil hard for about three minutes, and then add two teaspoonfuls of essence of peppermint. Take from the fire at once and stir till the mixture is white and creamy. Drop on paraffine paper twisting the spoon to make them round. They may not be as regularly shaped as those you buy, but they are pure at any rate. You can vary the flavor by adding essence of checkerberry (wintergreen) instead of peppermint. The children themselves love to make these simple candies, particularly for any such festival as Thanksgiving or Christmas. When you are preparing your turkey for the former meal, try mixing in the stuffing some of the large French and Italian chestnuts which have been boiled tender in salted water previously. If you do use these chestnuts, hold your hand when you are adding the thyme and summer savory to your dressing. Too much of these will detract from the flavor of your nuts.

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### His First Suspenders.

My boy has gone and in his place  
A youth has come with graver face,  
Who wears with pride and would-be grace  
His first suspenders.

He throws his coat—declares "it's hot,"  
(Whether the day is warm or not,)  
For fear his friends may have forgot,  
His first suspenders.

He thumbs them o'er with loving pride,  
And stands with feet extended wide  
That he may view them side to side,  
His first suspenders.

Of all the joys his life may know,  
Such pleasure none can ever show,  
As when he wore long years ago  
His first suspenders.

—Exchange.

### A Little Story For Little Bright Eyes.

Once there was a little ant hill in a garden which was full of flowers and trees, and right close by on a white rose bush the aphids, or green fly, had its home. Early in the Spring the little black ants began their work digging out underground streets, building nests where the unhatched eggs could rest, lugging home all sorts of food, and caring for Queen and King ants, the little children ants, and even the babies, for there are baby ants as well as baby *elephant*-ants.

All day long they worked, scarcely taking time to eat or to visit their neighbors, the large black ants in the cherry tree, and the little reddish-brown ants near by. They were always afraid of the soldiers who came from among the large red ants and who would steal black ants for their slaves; of course there were soldiers, too, in this anthill, and very lazy fellows they were, only in a battle were they any use.

One warm day in May a little boy came out in the garden; when he saw the ant hill he laughed. "O, now I know what I'll do," he said; whereupon he ran back again to the kitchen, begged some lumps of sugar from the cook, and snatched his book of Natural History. Then he skipped back again, laid a bit of sugar on the ant hill and sat down to watch.

The very next ant that came staggering out with a load of dirt ran into the sugar; as soon as it tasted of it, unlike some little folks I know, it ran to call the others. In a short time the sugar was covered with ants—a perfect picnic indeed; but the soldier ants ate the most for the working ants began to carry it inside. (I wonder whether anyone would blame them if they ate some on the way.) This was such fun that the little boy laid the other lumps around on other ant hills. Some of the baby ants ate too much and had stomach ache. An old soldier told the queen ant that a fearfully big giant had given them all this grand and sweet surprise.

The little boy sat down on a large red ant hill to read his book, wishing to learn more about ants; and it happened that a cross, old red soldier ant ran onto his foot, over his stocking and up his leg; the little boy tried to shake it off and then—the ungrateful ant bit him, and a cross red soldier ant knows how to bite hard and deep! Now the little boy became very angry, and after he killed that ant he dug up the hill with a sharp

stick, thus killing many ants, burying their eggs and ruining their city. No sooner, however, had the boy gone than they all began to work again to build a new hill. The ant, you know, is a good example of *per-se-verance* (ants)—find out what sort of ants that is—for it is never discouraged.

So the black ants lived in peace all summer, gathering food for winter; the little boy often watched them "milk their cows," as he called their getting the sweet juice from the aphids, which has two tube-like horns, as all ants know.

### Our Older Bright Eyes.

Do you ever amuse yourselves by imagining all sorts of things which are not and even cannot be possible for you? When I was a little girl—well my imagination was *too vivid*! For instance I imagined I understood hen talk and that led me into mischief, (as usual), and out of pity for the poor hens who were daily robbed of their eggs I, a would-be reformer of seven years, gathered them into a barrel and here secretly feasted relays of my feathered friends. Of course the shortage in eggs led to my discovering how hard the way of transgressors really is.

And ere my chicken fever passed I was found at a late hour roosting with a lot of the fowls in a nearby orchard. It was lonesome and such hard work balancing, too, I found; what I should do when asleep began to trouble my mind; but though I replied glibly in my "hen language" (climbing meanwhile to a safe height), I was willing to arbitrate and return to plain English and—my bed, as requested by a stern guardian, whip in hand.

Perhaps you have heard of a little girl who loved strawberries and whose parents warned her on first offense that when Satan tempted her she must say "Get thee behind me, Satan!" But ah! those lovely berries were again missing. On stern inquiry the child declared she was not to blame for, "I said 'Get behind me, Satan' and he up and pushed me right in." She had a rather strong imagination! Well, let us imagine ourselves out in a large field; it is time to look for nut trees which so soon will cast down their stores for children and squirrels alike. That reminds me of "Popsie"—but never mind; it is only a squirrel story for the little ones. Shall we sit under this tree—let me see, yes, a soft maple; and gather its leaves, and when you get home coax mother for some beeswax and a hot iron, and cover them with a varnish-like coat. If you have ever made a postage-stamp collection, let me urge you to try a nicer one—a leaf and bark collection. The Government has salaried positions for those who understand trees.

You study hard these days and need this outdoor ramble; the day, too, is "golden." To look about quietly would you say you saw many wonderful things? Do you see enough different objects to require more than one science to understand them? You see these wild asters, and ah! a sunny dandelion bloom over there. Botany would teach you the secrets of the flowers, you know, and were you to specially study Floriculture and Horticulture, you would have a trade worth having. But suppose you desire to know about the insects which bother those who follow these trades. You would then study Natural History and Zoology. Studying animals would lead you easily into Physiology and Anatomy, as the

greatest of animals is man. You might become a Doctor and save many lives by medicines made from plants you learned about in Botany; these are called "Botanical Remedies." You might, however, love searching into Nature's wonders and find pleasure in Chemistry, Physics, Archeology, Geology and Anthropology; and one of you might become an explorer, my Bright Eyes, digging up old Aztec or Assyrian or Egyptian ruins to set the great world wild with excitement. Or you might look for "the lost island, Atlantis."

Of course you will need to read and talk other languages beside English—perhaps read some day wonderful forgotten stories told in queer hieroglyphics. Or, less famous but not undesirable, may be a Pomologist, a State Entomologist; or, if you study Geology well, may discover gold or only serve as Soil Analyst on a yearly salary from the Government.

Look again, now Bright Eyes. What secrets lie hid about you in trees, flowers, earth itself and oh, the wonderful study, Astronomy, which would explain all the sky above you. Let us see the things about us as they are; for instance can you name that bird overhead, and do you know its song? What weed is that beside you and is it ever used in medicine? How many kinds of stones do you see? Name every tree—can you? It is lovely to think public schools teach so much of this Nature Study. See those toadstools, or mushrooms; I should like to know as much of them, of orchids, shells and butterflies, as one whom I knew in girlhood. To him this field, those woods, would be a book. Let us dig in work or play like the tireless ant until some day we shall have the knowledge better than book lore, the result of Bright Eyes and bright brains.

We have grown quite serious I declare; just see those gay leaves dance. We must have a little nonsense too. Here is a Natural History conundrum for you: When is a parrot not a parrot? Any one answering before Christmas shall have special mention.

### Quoted.

"Mamma," said Willie, "do you pay Jennie \$15 a month for looking after me?" "No, \$16," said mamma. "She is a good nurse and deserves it." "Well, I say, ma, I'll look after myself for \$10. You'll save \$6 by it, see?"

"One day," says the Chicago Record, "a little son of Rev. T. V. Gardiner was playing with some boys who had a cart—and they wanted a dog to draw it. Papa says we must pray for what we want," said the minister's son; so he knelt down and said, "O Lord, send us a dog to draw our cart." Very shortly after a big one came that frightened them and they began to cry. A second time the boy knelt, but this time he prayed, "O Lord, we don't want a bull dog!"

### Boys and Girls

If you will secure six yearly subscriptions to VICK'S FAMILY MAGAZINE at 50 cents each, or three subscriptions for three years at our special price of \$1.00, and send us the money, we will send you the Youth's Companion until Jan. 1903, also their beautiful 12-color Calendar, postpaid.

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## Honey - Bees

When we think of honey-bees we are inclined to associate them with hives, but there were bees before there were hives. The natural home of bees is in an old log or hollow tree. They live in communities and their communal life is highly developed. A honey-bee community comprises three kinds of individuals—a fertile female or queen, numerous males or drones, and many infertile females or workers—all different in external structure.

There are from thirty to forty thousand bees in one community, including a few hundred drones, and one queen who is the mother of the whole community; that is, she lays all the eggs from which the young are born. The drones are merely consorts, but upon them depend the fertilization of the eggs. The workers see to the securing of all the food, the making of the comb, and the care of the young. The work which each bee performs is strictly for the benefit of the whole community, and in no case does the bee secure the benefits of his own labor, only in so far as he is a member of the community.

The manner of making the honey is an interesting process. The reader is, of course, familiar with the little waxen cells called the "comb." The wax itself comes from the bodies of the workers in the form of small liquid drops. The place from which the substance exudes is underneath the body, just below the abdomen. The small drops, on being exposed, run together, harden, and become flattened, when they are removed by means of little scissor-like contrivances attached to the hind legs of the bee. The pollen of flowers is brought to the hive by the workers in little baskets for the purpose on the hind legs of the bee. The honey proper is the nectar of the flowers which has been sucked up by the workers, swallowed, and brought to the hive. At first the nectar is too watery to be good honey and so some of the water has to be evaporated. This is done by a large company of bees gathering above the nectar and violently vibrating their wings, which creates a current of air over the nectar. Besides, the violent buzzing raises the temperature of the bees' bodies and this warmth given off to the air helps make evaporation more rapid.

In many of the cells of the comb are found young bees in larva or pupa conditions. The queen lays but one egg in a cell. In three days the egg hatches and the young bee appears as a soft white grub without feet or wings. It is cared for by certain of the workers called nurses. These nurses have no other duties than to care for the young. Nurses are usually the most recently added workers. After acting as nurses for a week or so, they go out gathering food with other workers and other new bees take their places as nurses.

The egg from which the queen is produced is the same as the other eggs, but the nurse who has the larva in charge feeds it only the most highly nutritious food, thus making it certain that the new bee shall be a queen instead of a worker. The male bees or drones are hatched from eggs not fertilized, the queen having it in her power to lay either fertilized or unfertilized eggs. The queens and workers are hatched from fertilized eggs. When several queens appear some rearrangement is necessary, and this is brought about by fighting among the queens until only one of the new queens is left. Then the old mother queen moves out followed by large numbers of the workers. They usually alight on the branch of a tree in a dense swarm. This is called "swarming." Finally a new house is found, and in this manner the species is perpetuated.

Workers do not live long. Spring broods not over two or three months, and the fall broods not over six or eight months. The queen will live for several years. She lays about one million eggs a year.

—Normal Instructor.

## Women Cured By Swamp-Root.

Thousands of Women Have Kidney Trouble and Never Suspect it.

To Prove what the Great Kidney Remedy, SWAMP-ROOT, will do for YOU, Every Reader of Vick's Family Magazine May Have a Sample Bottle Sent FREE By Mail.

Among the many famous cures of Swamp-Root investigated by Vick's Family Magazine, none seem to speak higher of the wonderful curative properties of this great kidney remedy than the one we publish this month for the benefit of our readers.

"You have no idea how well I feel. I am satisfied that I do not need any more medicine, as I am in as good health as I ever was in my life." So says Mrs. Mary Engelhard, of 2835 Madison street, St. Louis, Mo., to a reporter of the St. Louis Globe-Democrat. "For more than ten years I had suffered with what the doctors termed female trouble; also heart trouble, with swelling of the feet and limbs. Last summer I felt so badly that I thought I had not long to live. I consulted doctor after doctor and took their medicines, but felt no better. The physicians told me my kidneys were not affected, and while I

Did Not Know I Had Kidney Trouble,

I somehow felt certain my kidneys were the cause of my trouble. A friend recommended me to try Dr. Kilmer's Swamp-Root, and I must say I derived immense benefit almost from the first week. I continued the medicine, taking it regularly, and I am now in splendid health. The pains and aches have all gone. I have recommended Swamp-Root to all my friends, and told them what it has done for me. I will gladly answer anyone who desires to write me regarding my case. I most heartily endorse Swamp-Root from every standpoint. There is such a pleasant taste to Swamp-Root, and it goes right to the weak spots and drives them out of the system."

MRS. MARY ENGELHARD.

Swamp-Root will do just as much for any housewife whose back is too weak to perform her necessary work, who is always tired and overwrought, who feels that the cares of life are more than she can stand. It is a boon to the weak and ailing.



MRS. MARY ENGELHARD.

### How to Find Out If You Need Swamp-Root.

It used to be considered that only urinary and bladder troubles were to be traced to the kidneys, but now modern science proves that nearly all diseases have their beginning in the disorder of these most important organs.

The kidneys filter and purify the blood—that is their work. So when your kidneys are weak or out of order, you can understand how quickly your entire body is affected, and how every organ seems to fail to do its duty.

If you are sick or "feel badly," begin taking the great kidney remedy, Dr. Kilmer's Swamp-Root, because as soon as your kidneys are well they will help all the other organs to health. A trial will convince anyone.

Many women suffer untold misery because the nature of their disease is not correctly understood; in most cases they are led to believe that womb trouble or female weakness of some sort is responsible for their many ills, when in fact disordered kidneys are the chief cause of their distressing troubles.

Neuralgia, nervousness, headache, puffy or dark circles under the eyes, rheumatism, a dragging pain or dull ache in the back, weakness or bearing down sensation, profuse or scanty supply of urine, with strong odor, frequent desire to pass it night or day, with scalding or burning sensation,—these are all unmistakable signs of kidney and bladder trouble.

If there is any doubt in your mind as to your condition, take from your urine on rising about four ounces, place it in a glass or bottle and let it stand twenty-four hours. If on examination it is milky or cloudy, if there is a brick-dust settling, or if small particles float about in it, your kidneys are in need of immediate attention.

Other symptoms showing that you need Swamp-Root are sleeplessness, dizziness, irregular heart, breathlessness, sallow, unhealthy complexion, plenty of ambition but no strength.

Swamp-Root is pleasant to take and is used in the leading hospitals, recommended by physicians in their private practice, and is taken by doctors themselves, because they recognize it in the greatest and most successful remedy that science has ever been able to compound.

If you are already convinced that Swamp-Root is what you need, you can purchase the regular fifty-cent and one-dollar size bottles at the drug stores everywhere. Remember the name, Swamp-Root, Dr. Kilmer's Swamp-Root, and the address, Binghamton; N. Y.

### Sample Bottle Sent Free By Mail.

**Editorial Notice**—Swamp-Root, the great Kidney, Liver and Bladder remedy, is so remarkably successful that a special arrangement has been made by which all of our readers who have not already tried it may have a sample bottle sent absolutely free by mail. Also a book telling all about kidney and bladder troubles and containing many of the thousands upon thousands of testimonial letters received from men and women cured by Swamp-Root. Be sure and mention reading this generous offer in VICK'S FAMILY MAGAZINE when sending your address to Dr. Kilmer & Co., Binghamton, N. Y.

Vick's Family Magazine three full years for only \$1.00.



### The Flower of November.

With the waning of the autumn comes a radiant,  
gracious bloom,  
The chrysanthemum's rich glory set against No-  
vember's gloom.

It ushers in the winter as the Mayflower does the  
spring.

Aromatic odors of the forest seem to cling  
To its ragged, ruffled petals, to its glowing heart  
of gold;

The rare fragrance of the pine tree distilled by  
bitter cold.

It were as though the festal month, the closing of  
the year,

Waited some burst of sunshine across her skies so  
drear;

It comes—in pearly pinks of dawn, in crimson of  
the west,

In the gold and snow of ermine that might garb a  
royal guest.

'Tis the farewell of the autumn, this child of  
frost and fire.

Its brave memory lives till green things come to  
fill the heart's desire.

—Good Housekeeping.

### The Children's Flower Show in the "Flower City."

(Continued from page 4)

First and second prizes were given where there  
were two or more entries, and in all forty were  
awarded. As in 1900, the prizes were contributed  
by the business men of the city and comprised  
many beautiful and useful articles.

The competition for prizes for best display of  
flowers raised on school grounds was keen, and  
much interest manifested.

The spirit of gardening visited nearly all the  
schools of the city, and great improvements  
were made by many of them. Five schools  
entered the contest for greatest improvement of  
school grounds, but only three fulfilled the con-  
ditions. Professor L. H. Bailey, kindly consented  
to act as one of the judges in this contest. Photo-  
graphs of the grounds taken before and after  
the improvements were made were exhibited, and  
the judges visited the schools personally on the  
day of the Flower Show. Great efforts had been  
made by the contesting schools; considerable  
money had been raised in various ways by  
some of them; in others all the work of improv-  
ing and caring for the grounds was done by the  
pupils.

In all cases the best advice was taken in laying  
out the grounds and planting shrubs, trees and  
vines. The results were not only very satisfactory,  
but deserving of high praise, and Rochester  
now has some beautiful school grounds.

The crowd of people that visited the exhibition  
testified to the interest of the citizens in general.  
The public schools were dismissed at three o'clock,  
and the pupils fairly swarmed the building from  
that time until six, and many returned in the  
evening. The glowing countenances of those  
who had won prizes were delightful to behold,  
and the only regret on the part of the Union was  
that more rewards had not been offered.

The judges were selected from among our  
leading florists, botanists, seedsmen, and market  
gardeners, and the Superintendent and Assistant  
Superintendent of Parks, also kindly gave their  
valuable assistance in that capacity. As the ex-  
hibits were all numbered, no name of exhibitor  
appearing on any entry for competition, no ques-  
tion could be raised as to the absolute impartiality  
of the decisions.

The results of the efforts of the Womans  
Union, as shown by the interest manifested in the  
improvement of school grounds, and by the Flower  
Show, are far reaching and not to be estimated  
or summed up in a few words. That the children  
were impressed by the efforts to beautify and  
adorn the grounds of the school buildings, has  
been manifest in the endeavors of many of them  
to carry out similar ideas at their homes, and  
a love for flowers and delight in their beauty have  
been implanted in hundreds of hearts.

# Magazine Bargains

We have astonished tens of thousands of magazine readers with our liberal offers, but our **greatest offer of three years for only \$1.00** caps the climax. People cannot understand how we can possibly give so much for the money. Nothing like it has ever been done in the world. Wholesale purchasers of paper—car lots. The finest modern equipment which money can buy. Everything, even the pasting of wrappers, done by machinery. Mammoth editions and many other advantages which we enjoy, tell the story. Thousands of people who appreciate our splendid offer are sending their dollars. Have you sent yours? If not, will you not do so at once? You will never have a chance to get more for your money if you live a thousand years. Remember our great offer and tell your friends about it.

## Vick's Family Magazine 3 Years for \$1.00

Frank Leslie's Popular Monthly.....	14 months for \$1.40
For 25 yrs. one of the leading Literary Magazines	
Leslie's Beautiful Art Calendar, for 1902 (Regular Price) .50	
Floral design in 8 parts printed in 12 colors	
Vick's Family Magazine.....	three years for 1.50
Total Value.....	\$3.40
All the above for.....	1.70
Vick's one year and above for.....	1.20

American Boy (Regular Rate).....	one year for 1.00
If you have a boy, get this for him sure.	
Vick's Family Magazine.....	three years for 1.50

Total Value.....	2.50
Both the above for.....	1.25
Vick's one year and above for.....	.75

Frank Leslie's Popular Monthly.....	14 months for 1.40
Leslie's Beautiful Art Calendar, for 1902.....	.50
American Boy (Regular Rate).....	one year for 1.00
Vick's Family Magazine.....	three years for 1.50
Total Value.....	4.40
All the above for.....	1.95
Vick's one year and above for.....	1.45

Woman's Home Companion.....	one year 1.00
Equal to any ladies magazine published	
Vick's Family Magazine.....	three years 1.50

Total Value.....	2.50
Both the above for.....	1.60
Vick's one year and above for.....	1.10

Woman's Home Companion.....	one year 1.00
American Boy.....	one year 1.00
Vick's Family Magazine.....	three years 1.50

Total Value.....	3.50
All the above for.....	1.85
Vick's one year and above for.....	1.35

Woman's Home Companion.....	one year 1.00
Frank Leslie's Popular Monthly.....	14 mo. 1.40
Leslie's Beautiful Art Calendar, for 1902.....	.50
Vick's Family Magazine.....	three years 1.50

Total Value.....	4.40
All the above for.....	2.30
Vick's one year and above for.....	1.80

Western Fruit Grower.....	one year .50
Vick's Family Magazine.....	one year .50

Total Value.....	1.00
Both one year for.....	.70c.

Woman's Home Companion.....	one year 1.00
Frank Leslie's Popular Monthly.....	14 mo. 1.40
Leslie's Beautiful Calendar.....	.50
American Boy.....	one year 1.00
Vick's Family Magazine.....	three years 1.50
Total Value.....	5.40
All the above for.....	2.55
Vick's one year and above for.....	2.05

Green's Fruit Grower.....	one year .50
The best known Horticultural Publication in U. S.	
Up-to-Date Farm and Gardening.....	one year .50
A practical all around Farm Journal	
Woman's Work.....	" " .50
A Publication that will delight every woman	
Farm News.....	" " .50
A Journal which just meets the needs of the farmer	
Missouri Valley Farmer.....	one year .50
A leading Publication of the great West.	
American Poultry Advocate.....	" " .25
Just the paper for the farmer and small Poultry keeper	
Midland Farmer.....	one year .50
Vick's Family Magazine.....	" " .50

Total Value.....	3.75
Vick's and any one above, value \$1.00.....	for .50
" " " two above, value 1.50.....	for .70
" " " three above, value 2.00.....	for .80
" " " four above, value 2.50.....	for .90
" " " five above, value 3.00.....	for 1.00
" " " six above, value 3.50.....	for 1.10
" " " all above, value 3.75.....	for 1.15

Woman's Home Companion.....	one year 1.00
Green's Fruit Grower.....	one year .50
Vick's Family Magazine.....	three years 1.50

Total Value.....	3.00
All the above for.....	1.70
Vick's one year and above for.....	1.20

Frank Leslie's Popular Monthly.....	14 mo. 1.40
Leslie's Beautiful Calendar.....	.50
American Boy.....	one year 1.00
Green's Fruit Grower.....	one year .50
Vick's Family Magazine.....	three years 1.50

Total Value.....	4.90
All the above for.....	2.05
Vick's one year and above for.....	1.55

**Substitution.** Up-to-Date Farming and Gardening, Woman's Work, Farm News, Missouri Valley Farmer, Midland Farmer or American Poultry Advocate may be substituted for Green's Fruit Grower or added to above combinations at the rate of 15 cents each or add Western Fruit Grower for 25c.

	Regular Price	Our Price
Review of Reviews (new), Success, each one year, and Vick's three years.....	5.00	3.10
Frank Leslie's Popular Monthly, Success, each one year, and Vick's three years.....	3.50	2.10
Current Literature (new), Success, each one year and Vick's three years.....	5.50	2.60
Cosmopolitan, Success, each one year, and Vick's three years.....	3.50	2.10
The Designer, Success, each one year, and Vick's three years.....	3.50	2.10
The Household, Success, each one year, and Vick's three years.....	3.50	2.10
Good Housekeeping, Success each one year, and Vick's three years.....	3.50	2.10
The Live Stock Journal, Chicago, one year, and Vick's three years.....	2.50	1.70

We have been appointed agents for the **Youth's Companion**, which can be supplied with any of the above combinations by adding \$1.75 to the club price. Be sure and state whether new or renewal.

Should you not find the exact combination above that you wish, write us for prices on any publication that you desire and we shall take pleasure in quoting you our best prices. Address,

**Vick Publishing Co., 30 Triangle Bldg., Rochester, N. Y.**



## OUR MOTHERS MEETING

Conducted by Victoria Wellman

"God could not be everywhere—so he made Mothers"

### HEARTS AND HANDS.

#### THE MOTHER AS A HOME GUARDIAN.

It is well nigh a common phrase now among many grades of womankind, this of "Mother's Meetings." At these meetings, not great reforms and cures for evil are discussed, but, gleaning help from all sources—a better idea, prevention—is considered so hopefully that even a pessimist may venture a bright look ahead.

"What is home without a mother," is an old saying, suggestive of the belief that a good mother is the larger part of every home worthy the name. It is in a home that every vital interest demands a patient, brave, gentle endurance, great power to pity, to forgive, to love; here then God placed woman, gave her the solemn, tender duties of motherhood, and adapted her nature to these cares as He has man's to the rougher, freer, sterner life of a breadwinner.

Let any woman muse awhile upon her calling and a desire will arise to reveal the hidden Madonna within her soul's secret recesses, and a tender gratitude fill her, curing all restless discontent, as she perceives that all things done by law, commerce, religion, and civilization, revolve about the central idea, home, of which all mankind appoint her a sacred guardian.

It is no little thing to wear the jewel of an honest man's love, and fulfill nobly a mother's mission. In herself she has but the power of one individual; but as a mother, hundreds may feel the force of her goodness, purity, patience and love.

Yet, looking deeply into these hidden meanings as Life's pages unroll, it seems to me past doubt, that save for exceptional self-sustained souls, the noblest motherhood is possible only when sheltered and aided by noble fatherhood.

Mothers, our hearts are full, our hands busy—yet are not girls better prepared than boys for coming cares? And should this be true?

"Sorrow humanize our race;

Tears are the showers that fertilize this world,

And memory of things precious keepeth warm

The heart that once did hold them."

#### THE MOTHER AS A NURSE.

At this season in most of the United States the chilly dampness and sharp winds cause a vast majority of mothers to meditate on the subject of croup. The wise woman prepares for emergencies and in her medicine closet are remedies for colds, fevers, and the special treatment for croup. It requires iron nerve to awaken suddenly after midnight to hear that startling cough, and not grow tremulous. Long experience seems never to banish this dread. The ghastly foe, true or membranous croup, ever threatens. If there is a delicate child, a weak heart, or bronchial or asthmatic complications, the distress of sufferer and mother is great. Now mothers, let our monthly meeting be one of help-giving; our motto, "Hearts and Hands," means, we will assist one another in trouble. Let me then out of a long, severe, and unusual struggle speak helpfully about our children's enemy, croup.

I assure you my medicine closet is very large. I do not rely very much on doctors. "Someone" facetiously dubs it the "Corner Drugstore;" but then he quite often calls for its aid! At such times he is very quiet and appreciative. We have had a large family and the three who caused me to lose health by loss of sleep were "croupy;" indeed, the complications involved inherited weak hearts, asthma and chronic bronchitis. Therefore I feel called upon to "speak in meetin," about croup. Having rung the changes on many remedies, abandoned many suspicious cough syrups, and lost time and money, I found the best

home treatment about as follows: Avoid exposure to damp, raw winds. After such exposure give at once hot foot bath, and hot teas (I use peppermint). Do not use icy bedrooms and always have woolen night wear and bed blankets. For wee bald-headed babes, use thin wool nightcaps (advised by celebrated specialist, Dr. E. Rosenthal) and rub well at night with warm grease or oil down back and over throat and chest. A little in nose is good. You may apply vaseline (camphorated vaseline is good to relieve raw throats), lard, goose oil, skunk's oil, etc.

Never give over one hot soap bath weekly, in warm room, to such children; after the bath anoint with oil (olive, almond or any other) and give a warm drink to prevent chill. Avoid exposure after bath; for this reason always bathe at night. If you have time every morning, cold sponge the child by piecemeal with lightning rapidity. Salt water is best. When croup is expected give light simple cereal supper. Give too a dose of rhubarb as a laxative. During coughing spells try sips of one part glycerine mixed with four parts water. A lemon and honey mixture also clears throat well. Give the Homeopathic spongia according to directions on bottle, and if very bad alternate every fifteen minutes with aconite. Wrap neck in hot flaxseed poultice. I have added sprinkle of mustard to these. A cold compress is easiest in many cases; dip square of linen in very cold water. Apply to throat, wrapping well in flannel. Less danger of tenderness to cold air after these. After removing hot poultices rub well with vaseline (or witch hazel ointment) and keep thin flannel on a day or two.

I consider a hot bath a useless trouble. When properly given it does good but means speed and carefulness. Ipecac is a reliable emetic but should be seldom needed and as it sours a new supply should be bought every three months and kept cool. These children do best when fed milk, eggs and plenty of cod liver oil. Am inclined to favor the new linen underwear idea. Woolen, on some at least, sweats and causes colds. One most excellent preventive is the use of felt insoles. While the proud possessor of a scrap book dealing wholly with croup and colds, I find no helpers to excel these plans as above. And I steam room with tar or turpentine which relieves cough.

Any mother sending stamped envelope will receive a reply from me telling of what a blessed relief there is now offered to mothers; and all who follow advice may sleep soundly thereafter—even if child has been badly exposed; for this is a preventive of croup. Send helpful advice, dear mothers, on all your experiences in home nursing. Experience is a grand teacher.

"Daughters of Eve! it was for your dear sake  
The world's first hero died an uncrowned king;  
But God's great pity touched the grand mistake,  
And made his married love a sacred thing;  
For yet his nobler sons, if aught be true,  
Find the lost Eden in their love to you."

—Jean Ingelow.

#### MOTHERS AS NEIGHBORS.

"Other people's children" are never so cute, sweet, obedient and all around attractive as our own! The sweet, wise mother who loves all the children of her neighborhood is—well nigh a myth! Theoretically we are all charitable; in actual practice—well, what are your emotions toward a young street Arab who literally beats a small boy senseless? Or swears and lies and smokes (you are painfully aware it is unknown to his mother) until you hesitate more on account of seeming unneighborly than truly because of your extreme love to him to send him home?

Good apples never save rotten ones! Bad apples do ruin good ones. What then, shall our children be companionless? Angelic mates will not be found, and "a smooth sea never made a skillful mariner," and 'tis notoriously true that children too straightly confined rebound to a later excess of guilt with awful frequency. Here is the real need of a mother, wise as Solomon, full of tact, blind on occasion, patient always; seeming by turns friend, chum, comforter, yet sternly just and tenderly merciful; while ever watching never

seeming suspicious, and talking into them a sense of self respecting honor, unconsciously creating a scorn for low, mean company, training their individuality. Any Bridget can cook (somehow or other) if mother is unable; any seamstress can sew for growing bodies; any day worker (less conscientiously) can clean and keep the domestic wheels going; but mother—who can do her work? As neighbors, let us be helpful. Let us not sharply watch and coolly pass by the new family on our street, the stranger in our town.

"Stay, stay at home, my heart and rest;

Home staying hearts are happiest,

For those that wander they know not where

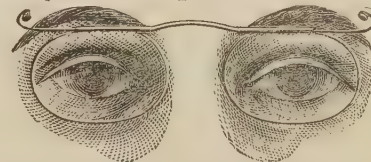
Are full of trouble and full of care;

To stay at home is best."

#### OUR QUESTION AND REPLY BOX.

Notice, readers; hereafter mothers may freely write for any special help on any motherhood matter, addressing Victoria Wellman, care of VICK'S FAMILY MAGAZINE. This department will be allowed one-half column. We desire to be helpful to all our readers.

## REVOLVING Temple-Clasp Eyeglasses.



PATENTED

### "COMFORT GLASSES."

PERFECTION IN ADJUSTMENT SECURED

1. To any pupil distance. 2. To any line of sight up or down, to see perpendicularly through their centers.

Note what this means to you in clearness by carefully trying your old ones, looking (1) diagonally through them the usual (and wrong) way and then (2) perpendicularly through their centers.

The adjustment is all accomplished by sliding and revolving top and bottom of the temples to the line of vision. They touch the nose and the "fly-foot" temple cushions hold on by suction. If you cannot read this paragraph without glasses at 14 inches distance you need revolvers.

Write for styles and prices and we will show you all about applying electrodes to the temples for a refreshing nerve tonic current of galvanic electricity.

REVOLVING SPECTACLES CO.  
334 Cox Bldg., Rochester, N. Y.

## TWO HUNDRED MILLION

### STEEL ENGRAVINGS

of the most famous railroad train in the world are on sale in every city, town, village and hamlet in the United States.

The picture is the New York Central's Empire State Express, and was made from a photograph by A. P. Yates, of Syracuse, taken when the train was running 64 miles an hour.

The photograph is a marvel of photography and the engraving is a marvel of the engraver's art. It is predicted that one of these engravings will find a place in every household in America, as well as in thousands of those in Europe.

For a photograph etching of this train, 20x24 inches, printed on plate paper, suitable for framing, send fifty cents in currency, stamps, express or postal money order to George H. Daniels, General Passenger Agent, New York Central & Hudson River Railroad, Grand Central Station, New York.





# FRUIT NOTES

BY PROF. H. E. VAN DEMAN.

## EDITORIAL BREVITIES.

Put away the very best apples you have, for the home folks to eat the coming winter. Nothing on the farm is too good for them.

If you want to graft any of your trees next spring, the autumn is the time to cut the scions and put them in some safe place until time to set them. They will keep well if buried in the ground. If they are first wrapped in an old cloth they will not get dirty.

Try to get a taste of the Grimes apple this fall, if you have never eaten one. It is the very best apple of this season, according to my taste.

Do not forget to cover the strawberry beds with a good, warm blanket of straw or some other coarse litter, before the freezing weather becomes severe. But it should not be done while the weather is yet warm.

Let the apples stay in piles in the orchard under the trees, well covered up to keep out rain and heat, until freezing weather, unless they are at once put in a good, cool fruit house or cold storage warehouse. Mother earth is about the right temperature for apples, if the sun is not allowed to heat it.

## BANKING UP FALL SET TREES.

With those who have tried banking up the trees which they have set in the fall, no word of argument is necessary to convince them that it is time well spent; but there may be those who do not think it a matter of much importance. It should be remembered that a tree that has not had time to grow after being transplanted and thus secure a good hold upon the earth by its roots, is not in a natural condition and of course not always able to safely endure the first winter, especially in a cold or changeable climate. There is a constant draft upon the vitality of the tree through the evaporation of the water in the sap of its stem and branches. This must be replaced chiefly by water from the soil taken up by the roots, and the drier the climate or the season, the greater the need.

If the earth is piled up against the stem, of the tree a foot or more high, it will greatly lessen the evaporating surface exposed and prevent the loss of sap to a corresponding extent. It will also keep the soil next the roots moister than it would be if left at its natural level. And if the tree is pruned back somewhat, as it usually should be, there will be a still less chance for evaporation. This bank of earth will also keep the tree from being shaken about by the winds much less than if it were not there, and we well know that a newly planted tree should be as little disturbed as possible until its new roots are grown. The firmer the bank is packed the better, for it will set closer to the tree and roots than if very loose.

In the spring the mounds may be leveled down after growth has well started. Cultivation will necessarily work them down to about the natural level by midsummer.

## THE LOQUAT FOR HOUSE CULTURE.

Among the fruit trees that might be both interesting and useful for growing in fruit houses where the temperature is under moderate control, is the loquat. It will endure a light frost, when in the dormant stage, without injury. It is a native of Asia and is grown to some extent in the warmer parts of North America, having been introduced from Japan many years ago.

The tree grows somewhat like the peach and is about the same size. It is an early and abundant bearer. The blossoms appear about December and are borne in pyramidal clusters of from about ten to twenty-five, and are very fragrant but not especially handsome. The fruit ripens before winter is fairly over, which makes it come when there are very few other fruits of any kind. This is one of the desirable points of the loquat.

The fruit is elongated, oval or pear-shaped, and the common seedlings are rarely more than an inch long. The color is lemon yellow and the skin thin and smooth. The flesh is firm but not tough and the flavor a very pleasant, mild acid. It is nice for eating from the hand or making jelly, which latter is a common use for it in the South, where it grows readily out of doors, and is generally known as Japanese plum, although it is far from being kin to any species of the plum.

The common seedlings have a very large proportion of seeds in comparison with the flesh, but there are new kinds which have been lately originated by careful selection of choice seedlings. The best of these is the Advance, which was produced by C. P. Taft of Orange, Cal. He also has other improved kinds. Those which he has named and is propagating are fully four times the size of those ordinarily grown, and the seeds are no larger or more numerous. Those who have fruit houses or large conservatories will find these new loquats most interesting and valuable fruits.—H. E. VanDeman.

## A Paying Orchard.

In Marion County, Pa., is a 140-acre orchard, owned by J. H. Ledy. It contains 6,000 apple trees, 18,000 peach trees, and many thousand plums and pears. The peaches are set with the apples, and have done their best work by the time the apples need all the room. Mr. Ledy fertilizes well, cultivates persistently, and prunes peaches closely. He says that profit comes from quality, not quantity. An unpruned tree will set from 1,200 to 2,000 fruits. He does not wish over 200, and fewer are better. Of large varieties, 130 to 160 make a bushel, and a bushel to a tree is enough. This means a small charge for picking, packing and freight, and a big price for fancy quality. Last fall Mr. Ledy shipped two and one-half bushels to Philadelphia and received \$4.95 gross. A neighbor shipped twenty bushels the same day to same firm and received \$9 gross. Charges for picking, handling, etc., per bushel were the same. The twenty-bushel lot gave net returns of thirty cents, or one and one-half cents a bushel. The two and one-half bushel lot netted \$1.50 a bushel. Mr. Ledy fertilizes with acid phosphate and muriate of potash, 400 pounds rock to 100 pounds muriate. For nitrogen he uses cow peas, crimson clover, etc.—*Country Gentleman*.

It is promised that the agricultural and horticultural displays at the great Louisiana Purchase Exposition in 1903 will be the greatest ever made. This is as it should be. A suggestion which has been made by Parker Earle is to plant an exhibition garden of grapes early next spring and have the same in fruiting in 1903. This can be made a great feature, and it should be extended to other fruits. For instance, a model strawberry plantation could be arranged next spring, and at the opening of the exposition the object lesson would be very interesting and helpful. The fruit

industry is a very important one in part of the Louisiana Purchase, and much money and time can well be devoted to horticultural features. It is claimed that the St. Louis Fair will not only show the products of man's skill, but also the process of manufacture. If this be true, the horticultural display should not only include the mature fruits, but, so far as possible should show these fruits in all stages of development.—*Western Fruit Grower*.

## ORCHARD CULTIVATION.

It is true that we sometimes raise a good crop of apples on trees that are standing in old sod. It is true that frequently the trees that have had the highest culture right along fail to bear the crops that we expect of them. And yet the longer I live and observe, the more I see the absolute necessity of giving to our fruit-trees, especially pears, peaches, plums, and quinces, the best of attention and cultivation. I see that our neglected orchards this year are in bad shape everywhere. Trees that have been under culture are far better appearing everywhere. In isolated spots in this county may be found orchards bearing from moderate to heavy crops of apples, pears, peaches and plums. These orchards are invariably the ones that had high cultivation. The best pears grown in this township are those from orchards which are as bare of any growth underneath the trees as a barn floor. I have some Bartlett trees in sod. Neither the trees nor the fruit on them amount to anything. One row where the ground has been kept under the plow for a few years on one side only, bears regularly and moderately fair fruit. It pays to give the orchard the most thorough cultivation. It is not necessary to plow around the trees two or three times every year. It may be well to plow once in early spring. After that the work can be done much better and more quickly by means of a heavy harrow drawn by three horses.—T. Greiner, in *Farm and Fireside*.

The farmer who sends his products to market, whether of vegetables or fruit, must grade and pack them honestly and send them in good condition, so that the dealer and customer will come to regard the label of the producer as a guarantee that the contents of each package is true to name and of prime quality. It never pays to place upon the market any second-rate quality of perishable farm products. Dishonesty makes the producer a meaner man, and the consumer as mad as a wet hen.—W. M. King, in *Farm and Fireside*.

## Attention! Fruit Growers.

You cannot get too much information on successful fruit growing. Read the best horticultural publications. The *Western Fruit-Grower*, St. Joseph, Mo., is the leading fruit paper of the Great West. It has from 16 to 48 pages every month of the most interesting horticultural matter. It is fully illustrated, printed on good paper; its writers are at the head of their professions. Published monthly at 50 cents a year. The publishers will send one sample copy free. *Our Clubbing Offer*—We will send VICK'S FAMILY MAGAZINE and THE WESTERN FRUIT GROWER each one year for only 70 cents, or both of above and GREEN'S FRUIT GROWER (value \$1.50) for 80 cents.

Vick Publishing Company.



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**JAMES VICK**  
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Published by VICK PUBLISHING COMPANY.

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If you have some clumps of the old-fashioned Marigold, or Calendula, growing in your garden, they are probably still fresh and green and covered with golden flowers. If pulled up by the roots and put in a crock or jardiniere they will continue to bloom in the house for weeks.

I have enjoyed the magazine and received great help from it.  
St. Louis, Mo. Mrs. C. P. D.

Now is the time to look after farm and garden implements. Do not leave so much as an old hoe out to rust and decay. The millions of dollars lost by farmers by neglect in this respect would build many fine buildings and buy countless sets of harnesses. Don't waste your money.

The magazine is greatly improved the last year, and I enjoy reading it very much.  
South Branch, N. J. Mrs. G. V. Q.

"To live content with small means; to seek elegance rather than luxury, and refinement rather than fashion; to be worthy, not respectable; and wealthy, not rich; to listen to stars and birds, babes and sages, with open heart; to study hard; to think quietly, act frankly, talk gently, await occasions, hurry never; in a word, to let the spiritual, unbidden and unconscious grow up through the common—this is my symphony."—*Channing.*

If you expect to be too busy to paint buildings and fences another spring, why not take advantage of some of the nice days this fall to do it? If your purse strings are not long enough to afford good lead and oil, get some of the new cold water paint it is good value for what it costs and will brighten up things wonderfully.

I enjoy the magazine greatly. I like the change and its progress; it is greatly improved.  
Plymouth, Ohio. Mrs. W. H. S.

Often in the winter one has occasion to repot a plant, or, an unexpected gift of bulbs is received, and there is no supply of earth at hand in which to plant them. It is always a good plan, before the ground freezes, to provide a box of soil for winter use. It can be stored in the cellar, or other convenient place, and will be found very handy to have in the house.

Let me know when my subscription expires, as I don't like to be without the magazine if I can help it.  
Namekagon, Wis. Mrs. J. B. L.

In planting shrubs this fall (and it is not yet too late), be sure to select some which will have bright colored foliage or fruit in the autumn. November is often a dreary month, but if we can see something bright from the windows when the rain is falling, it lightens up the landscape wonderfully and has a cheering effect. The berries, too, will give food to the birds which stay with us.

I think your magazine very interesting and do not like to miss any of the copies.  
Holyoke, Mass. J. L. P.

Bank around your stable and hen house with manure or dirt to keep out the wind this winter. It will save feed and make your horses, cattle and hens so much more comfortable. While you are about it take the hammer and nails and nail up every crack and knot hole you can find where wind can possibly get into the stables. You owe this to your pocket book to say nothing of the dumb beasts that serve you.

I send you \$1.00 for a three years' subscription to your excellent magazine. I saw the advertisement in the August number that a friend sent me a few days ago.  
Union City, Conn. Miss A. E. S.

It is an undeniable fact that some people do "enjoy poor health," or, at least, they enjoy talking about it, going at length into the minutest details of all their pains and aches. But if they do enjoy talking on this subject, it is doubtful, as a rule, if it is beneficial to them to do so, and it certainly is not very entertaining conversation for their friends. One need not be a believer in Christian science to be convinced that it is always best to say you are well, or at least better, when your friends make inquiries as to your health. Almost unconsciously you will form the habit of saying you are "very well, thank you," and, at last, you will quite believe it yourself, for the very statement will go far towards making you feel so.

I like your magazine, and the information on flowers is equal to that of any publication with which I am acquainted.  
Wyecombe, Ont. Mrs. M. W.

Few subscribers realize that a magazine is a co-operative enterprise. The more subscribers help to build it up, the more the publisher can give for the money. Will you not help VICK'S by getting just one new subscription before January first?

## Press Notices.

VICK'S FAMILY MAGAZINE has always stood high as a family and horticultural monthly.—*Nebraska Farmer.*

VICK'S FAMILY MAGAZINE is handsomely printed and ably conducted and all lovers of flowers ought to subscribe for it.—*New Church Independent.*

VICK'S FAMILY MAGAZINE (50 cents per annum), is one of the best monthly publications issued on flower culture. It is finely illustrated, and gives plain and valuable instruction on the treatment and growing of plants, etc., in doors and in the garden. The best writers on horticulture are regular contributors.—*Scranton Times.*

VICK'S FAMILY MAGAZINE is a practical, useful and ornamental print that ought to be taken in every family. It is already fine and excellent, but improvements are on its program which will make a good thing much better. Flowers, shrubs, the vegetable garden, fruits, poultry, household matters, and choice miscellaneous reading are all within its literary and educational bailiwick. Send your subscription, only 50 cents a year, to Vick Publishing Co., Rochester, N. Y.—*Dubuque Trade Journal.*

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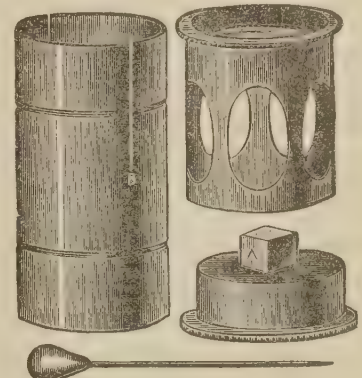
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Col. N. G. Parker, Ex-Treasurer of South Carolina, says, "I believe Dr. Miles to be an attentive and skillful physician, in a field which requires the best qualities of head and heart." The late Prof. J. E. Jewell, M. D., editor of the Journal of Nervous and Mental Diseases, of Chicago, wrote "By all means publish your surprising results."

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## Of Interest to Farmers.

### New Farmers' Bulletins.

The United States Department of Agriculture has just issued three new publications of the popular series known as Farmers' Bulletins. These bulletins are for free distribution and can be obtained on application to Senators, Representatives and Delegates in Congress, or to the Secretary of Agriculture, Washington, D. C.

### FARMERS' BULLETIN NO. 132.

"The Principal Insect Enemies of Growing Wheat" is the title of this bulletin, prepared by Mr. C. L. Marlatt, First Assistant Entomologist. The paper is a condensed account of the principal insect depredators on growing wheat, discussed chiefly from the standpoint of means of control and is a very valuable contribution on this subject. The author says: "The great proportion of the losses to wheat fields which is chargeable to insects is due to the attacks of less than half a dozen species. These, in the order of their importance, are the chinch bug, the Hessian fly, the wheat midge, and the grain plant louse. Of second-rate importance are such insects as the wheat straw worm, the wheat bulb worm, army worm, cutting-worm, and various sawflies."

### FARMERS' BULLETIN NO. 133.

This bulletin is entitled "Experiment Station Work—XVIII," and was prepared in the Office of Experiment Stations by W. H. Beal and the staff of the Experiment Station Record. It contains articles on: "The value of stable manure," "Alfalfa as a fertilizer," "Effect of lime on different crops on acid soils," "Celery culture," "Utilizing the greenhouse in summer," "Resistance of strawberries to frost," "A fumigator for small orchard trees," "Foundation for comb building," "A device for ridding houses of flies," "Slop for pigs," "Barley as food for horses," "Water in butter," and "Losses in the preparation of silage."

### FARMERS' BULLETIN NO. 137.

The Department has just issued Farmers' Bulletin No. 137, entitled "The Angora Goat," prepared by George Fayette Thompson, Editorial Clerk, Bureau of Animal Industry. This bulletin states that there are about 400,000 Angora Goats in the United States, and that our annual production of mohair is about 1,000,000 pounds. These goats which have been heretofore almost wholly confined to the West and Southwest, are now being shipped to every State in the Union. They are among the most useful of the domestic animals, and their usefulness is manifested in various ways. The fleece, called "mohair," furnishes some of the finest fabrics among ladies' goods, and is used in various other manufactures. Their habit of browsing enables them to help the farmer in clearing away brush and subjugating the forest.

The bulletin contains much information concerning the origin, history, and uses of this domestic animal, which will be of special interest to all who may contemplate embarking in the Angora-goat industry.

Bulletin 72 of the Vermont Experiment Station treats of certain Potato diseases and their Remedies.

(Continued on page 19.)

## A Business Opportunity.

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**A New** by sending us 25c. in stamps or silver. **Will Stop** We will send you full directions showing how to do it, without any medicine or expense to you. This **Those** remedy has helped others and will **Weakening** help you. Address, J. Weiss Co., **Night Sweats**, 227 Phoenix Building, St. Paul, Minn.

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**SILK** Remnants for fancy work. Large package, beautiful colors, 10c., postpaid, 3 for 25c. Embroidery Silk, all colors, nice package, 10c. 3 for 25c. Send stamp for catalogue. **POQUOT NOVELTY CO.**, New London, Conn.

**THE FUNNIEST BOOK WRITTEN** By F. N. Buckland, M. A., of Harvard College. Illustrated by a noted French artist. This book contains a beautiful picture of the Temple of Music. A souvenir of the Pan-American, only 15 cents, send stamps. Postpaid by us. Address, **The Olver Publishing Co.**, 434 Mass. buetts St., Buffalo, N. Y.

**MAKE MONEY** PUT IN YOUR SPARE TIME and make \$2 00 or \$3.00 per day, or full time and make more by selling an ingenious little article which every one needs who uses a pen. Sample by mail 10c. **THE BANK SUPPLY CO.** 469 E. RICH ST., COLUMBUS, O.

**Ladies, We Want You** to become acquainted with us, and in order to introduce ourselves we will send you, postpaid, 12 yards of this fine lace, in one piece, for only 15c., and if you will send us the names of two lady friends, will include our elegant Gold plated, stone set Beauty Pin. One to a customer, **ELDRIDGE SPECIALTY CO.**, 159 Ridgewood Ave., Brooklyn, N. Y.

**We Pay 50 Per Cent.** commission to reliable men to handle our complete line of Fruit and Ornamental Nursery Stock, devoting all or part time. Commission weekly. Elaborate outfit of colored plates, and all other necessities furnished FREE. Season now at its best. Write at once for particulars. We can interest you. **Oliver Brothers, Roseview Nurseries, Rochester, N. Y.**

## Of Interest to Farmers (Continued).

The contents of the bulletin are:

I. Introduction.—Explaining the economic importance of the potato crop, and of the losses due to various diseases. The average yield in Vermont is 97 bushels to the acre, whereas the average yield from properly sprayed plants at the experiment station for eight years past has been 296 bushels to the acre. The average yield from unsprayed plots at the station during these years has been 173 bushels to the acre.

II. The flea-beetle is the cause of much loss in unsprayed plants. It can best be held in check by bordeaux-paris-green mixture. This same mixture prevents the attack of other insects also.

III. Two diseases of non-parasitic origin cause considerable loss: arsenical poisoning and tip-burn. The former may be avoided by more care in application of poisons coupled with the addition to them of lime; the latter by attention to culture and by spraying. Sun-scald is another trouble very similar to tip-burn.

IV. Two fungus blights of potato have been distinguished, the early blight and late blight. Both may be controlled by spraying.

V. Trials of many fungicides have shown that bordeaux-mixture is much superior to all others. It is important that this mixture be made properly.

VI. In general two or three sprayings are required with this mixture at varying dates between July 1 and September 1. Economical application requires a good pump with a fine spray nozzle. The barrel pump is best adapted for general spraying, but smaller or more powerful pumps may be desirable in special cases.

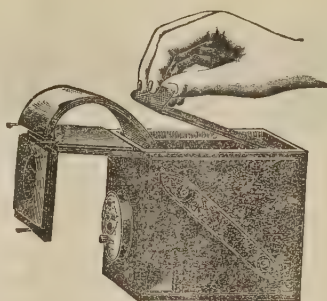
## The Young Farmers' Opportunity.

What a change of public sentiment has taken place in regard to agricultural education in the last ten years! Each succeeding year witnesses a better appreciation of the need of more training to enable the farmer to meet keener competition and reduced profits. Every year marks an important step in the evolution of the scientific and business-like agriculturist.

We have before us two Announcements from the College of Agriculture of Cornell University, Ithaca, N. Y. One of them describes the *Cornell Reading-Course* for farmers and farmers' wives, free to residents of the state, while the other outlines the courses of study making up the *Short Winter Course in Agriculture and Horticulture*. The Reading-course is a correspondence school in Agriculture, following simple, easy and practical lines. It should be very popular. The winter course of eleven weeks, beginning in January, is designed to meet the needs of young men and women of the farm who are unable to leave home for a longer period.

A recent report of the Industrial Commission states that it is probably not an overestimate to put at 150,000,000 bushels the amount of wheat that is ground into flour in the interior of the United States without ever reaching the seaboard.

**Catarrah!** Cure yourself without drugs and without cost, complete instruc. for 25c. G. F. Wolf, Bellaire, O.



You can earn a fine camera and 100 lessons in Photography worth \$50.00 in a few hours gathering papers and magazines. Write for directions today. **John Higbee, 72 Page St., Stoughton, Mass.**

## A GOLD DOLLAR FREE

Every tenth purchaser of White Rose Cream will be given a dollar in gold. This method is taken to introduce where unknown, the finest skin beautifier ever placed upon the market. Keep your skin clear and beautiful if you wish health. If you have wrinkles, freckles, sunburn, tan, sallowness, redness, blackheads, pimples, eczema, tetter, rash, brown or liver spots, you should send me 25 cents for a large bottle and use it at once before other parts of your body become diseased. **JOHN BISBEE, 72 Page Street, Stoughton, Mass.**

**INK** full print for 10 cts. silver; postage prepaid. Any color of best writing copying or marking ink. Agents wanted Houseal, Auld & Co., Baltimore, Md.

## Beautiful Aluminum Card Case

your name engraved on it, 25 cents, 100 Visiting cards best stock and printing 30 cents. Both 50 cents. **CHAS. F. LEWIS, Southington, Conn.**

## Imperishable Sachet Perfume

Large package ten cents. *Jacque Rose* or *Vio de Helio*. Delicate, everlasting, perfume your Fancy Work. It will remain odorous. **H. HALL, 16 So. Elliott Place, Brooklyn, N. Y., Dept. 6.**

**AGENTS** Bonanza; twentieth century invention; a month's washing for 10 cents; cheaper than hiring a washerwoman; no more blue Mondays; the Phoenix Laundry Tablet saves time, money and labor; no more three drams or backache; sample free. **Phoenix Mfg. Co., Dept. V, Newark, N. J.**

**WIFE'S VITALIZER** makes mothers happy, home cheerful, and they all want it. Best money maker out. One lady made \$100 last month; another \$90 in three weeks. First hundred new agents each get one free. Address, **Dr. L. Longcoy, Lima, Ohio.**

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Will mail true guide to lucrative humane work and magnetic power, to carry on the business. Five letter stamps pays postage. Owners of Cabinet Imitations, may prove cause of failures by ordering one set of supplies.

## Real Estate For Cash

or exchange, all kinds, anywhere. **Pay no Agents. Sell it Yourself** regardless of a mortgage, by our new successful system. Many customers waiting. Send description and price. Full particulars with large extensive catalogue of property for sale and exchange in United States and Canada, for 15 cent stamps. **U. S. Real Estate Co., Station 5, Elton, N. Y.**

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Writing for the Press is a vocation especially adapted to women. Learn to be a story-writer, newspaper-correspondent or reporter. We teach practical journalism in all branches by mail. Study in spare hours. MSS. sold. Endorsed by leading editors. Write for our free booklet. Address National Press Association, 51 Baldwin Building, Indianapolis, Ind.

## This SLEEPING BEAUTY FREE

Girls send your name and address with written consent of parents and we will send you our Jewelry, and Premium List. When sold send this elegant 18-inch imported Jointed Sleeping Beauty. **ELDRIDGE SPECIALTY CO.**, 159 Ridgewood Ave., Brooklyn, N. Y.

**\$5,000 IN CASH PRIZES!** We pay this amount in Cash Prizes to our solicitors besides giving them 40 per cent commission. Men, Women, Boys and Girls have the chance of a lifetime.

## McKINLEY MEMORIAL PICTURES ON CREDIT.

Send your name and address, write us agreeing to solicit subscriptions and return us the money less your commission, and we will send you the pictures free, all charges prepaid. 1st GRAND PRIZE, \$1,000; 2nd PRIZE, \$500; 3rd PRIZE, \$250. Full particulars of cash prizes sent with the pictures. Write to-day. It may mean \$1,000 to you. **HOUSEHOLD GUEST CO., Dept. 142, Chicago, Ill.**

**BALM of Roses** cures Skin Diseases, 25c. Mailed in plain wrapper. C-U-R-A Chemical Co., Akron, O.

**Texas Lands** of every description for sale by C. G. Vogel, Velasco, Texas.

Stamps—100 Foreign and Album FREE. Postage 3c. Agents 50 per cent. List free Qu Stamp Co., Toledo, O.

Your Name, Business & Address on rubber stamp with Pad and Ink mailed for 20c. V. Darham Co., ory, Pa.

**FREE** Watches, Cameras, Bracelets, for giving away valuable recipes. Boys, girls, ladies send name quick. No money required. Elm Novelty Co., Hillsboro, Tex.

Formulas, & crystallizing paper flowers, every lady should have this, look splendid; Catarrh Relief; all for 15 c. silver, Box 137, Ambin, Indiana.

**McKinley's** last speech. Printed in handsome book in form, with fine portrait 10 cts. Agents send for wholesale prices. DeMuth Syndicate, Clifton, N. J.

**YOUR LIFE'S STORY** TOLD BY THE STARS FOR AFFAIR, BUSINESS and MARRIAGE PROSPECTS fully revealed by Astrology. To know your future life, send 10c. for Astrology. PROF. KEO, 1124 N. 13TH ST., ST. LOUIS, MO.

**20** Actresses' Photos, Beauties, and Catalogue, over 100 illustrations, 10 cents, sealed. **K. A. Stewart Co.**, Box 916 Providence, R. I.

**SHORTHAND** by mail. Trial lesson free. **T. S. CORRELL, B. S., Asbury Park, N. J.**

Some of my Agents make \$10.00 per day selling my patent fountain pens at 5c. each. You can do as well. Send a dime for two different samples. **J. H. Bisbee, 72 Page Street, Stoughton, Mass.**

**FITS** Permanently Cured. No fits or nervousness after first day's use of Dr. Kline's Great Nerve Restorer. Send for free \$2.00 trial bottle and treatise. **Dr. R. H. Kline, Ltd., 931 Arch St., Philadelphia, Pa.**

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\$1., \$2., \$3., \$5., \$10 are Essential for Up-to-date Letter Writing. Guaranteed for Two Years, 9751 sold last month. Sample writings free. **A. E. Crown Mfg. Co., Springfield, Mass.**

Anybody can easily make \$50 **BELGIAN HABES** a month in a back yard with **T. J. Kennedy, All grades \$3.00 per pair up. T. J. Kennedy, BOOK ON BREEDING, 10c. Hackensack, N. J.**

**A STRAIGHT TIP** How to get Government Positions. Our booklet gives full information how to go about it. Sent prepaid for only 6c. Address Southern Supply Co., Springfield, Mo.

Test Pelvic Pine Cones for all cases of **BOX** rectal, prostatic or bladder **FR E** disease and complaints of **W**omen. Dr. Foote, 129 East 25th St., N. Y.

**SISTER FRIENDS** I send cure for faded thin Gray Hair for only 35 cents. Used by Doctors. It is not a Patent. Address, **MRS. BEN ELLIS, Curve, Tenn.**

**OFFENSIVE FEET** and all body odors positively cured by "ODO." Harmless and sure. Write for full information. Address **REX SPECIALTY COMPANY, Station B, Columbus, Ohio.**

**Mystery Talk** or ventriloquism easily learned. We tell you how; also send a lot of pleasing games and other matter, all for 12c. **HAROLD, 91, Rodman St., New Bedford, Mass.**

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**CORN ORE** Is a peculiar piece of ointment; used on corns, warts or callouses, although painful and tender, they simply melt away before it in a few moments. Package, mail, 12 cts. **THE BRECK CO., North Adams, Mass.**

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## ARE YOU SICK.

If so send me one leading symptom of your disease with 12-2c. stamps, and I will send you one month's trial treatment and if at the end of the month, you feel that you have been so benefited, and would like to continue, I will charge you my regular price \$1. a month, and I guarantee to cure you or return your money, any time you ask for it. Give me a trial and be convinced. Address, **G. W. Kitt, 49 Warren St., Brookline, Mass.**



**SILK Remnants.** Big pkg. assorted pieces with floss and patterns, 10c. V. Art Co., Beaver Springs, Pa.

**LADIES, YOU CAN'T KEEP HOUSE** without our K. D. Q. Polishing Cloth. Takes the place of Powders, Pastes, and Liquids for polishing Silverware, Nickel, Copper, Brass and Glass. Does not scratch. Always ready, clean and economical. Once tried, always used. Only 15c each, 2 for 25c post-paid. A Bonanza for Agents. No postals. Send 15c for sample and agents terms. **K. D. Q. MFG CO., Station J, New York, N. Y.**

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Just the Thing, Pocket size. Fancy Pattern, all colors, 10c. Hand Painted, any design, 25c. Send for catalogue of our Hand Painted and Fancy Pattern Celluloid Christmas Novelties. **Nonpareil Novelty Co., Dept. E, 203 Broadway, N. Y.**

**CURE THAT CORN.** Our corn cure gives and cures in every case. We always agree to return money in case of failure but we are never asked to do so. See? Price 25c. to Agents who desire to try it, will send one full sized sample for 10c. in silver. **JUNEAT SPECIALTY CO., 447 Milwaukee St. Milwaukee, Wisconsin.**

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**ASTROLOGY.** Science Against Luck. Your business, love, family affairs and health correctly foretold from planetary influence at birth. Learn astrology. Be successful. Book free. **Prof. MacDonald, Binghamton, N. Y.**

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Manifold Shirt Bosom, 20 shirts in one. Indispensable Combination Dipper, Adjustable Lift. Flat Iron Polisher, Myrtle Green and One Box of Lightning Radiator for removing grease spots, etc. This Complete Outfit for only \$1.00. Single sample 25c. This offer is limited, so do not delay. Order immediately. Agents wanted. 1893 Agency & Supply Co., Room 97, 1517 N. Spring Ave., St. Louis, Mo.

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Are sending ten cents to Kennedy & Co. Delaware City, Del., for Good News. A book for worried women.

**WONDERFUL** Clairvoyant tells everything; send 10c and birthday. J. Myers, 50 Lincoln Park Station, Chicago, Ill.

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**EMBROIDERY SILK AT HALF PRICE.** 72 BEST QUALITY 100 Yd. Pack. Remnants in all fancy work yard to 3 yd. lengths. BIG PACKAGE, any color, 10c. **ART CO., Dept. Beaver Springs, Pa.** Each order 50 LARGE ASSORTED SILK PIECES FREE with order. Quills, Outlines, Etc., etc. Send 10c. for Catalogue.

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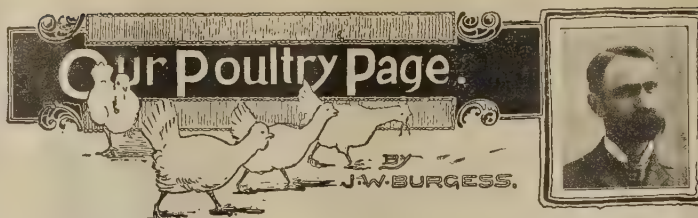
"On receipt of \$1.00 we will send, securely sealed, a book well bound of over four hundred pages, full of good things. Every Sport should have one. The most wonderful book ever written. French and English translation. Prohibited in some countries. Write at once. Address **CLARK'S SUPPLY CO., 849, Broadway, Lawrence, Mass.**

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**LADIES!** To introduce our Catalogue of Reliable Specialties that will surely interest you. We will send you our Rubber Complexion Brush for only 50 cents postpaid. Plain faces made beautiful by its use. **C. Clayton Mfg. Co., Malden, Mass.**

### EVERY FARM

should have a flock of thoroughbred Poultry. Single comb Brown Leghorns are the best layers known. 500 Breeding Birds for sale cheap, \$1.00 upwards. Send for catalogue. Satisfaction guaranteed. **Seneca Poultry Yards, 23 Helena St., Rochester, N. Y.**



Sunflower seeds are fattening. Provide a variety of food for your hens.

Regular feeding is conducive to regular laying.

Renew the nests. Straw is the best material to use.

The scrub hen is a loafer, and expensive to have around.

Don't ask a moulting hen to lay eggs. She has trouble enough without.

Ducks are not built for eating grain as hens are. They will do best on soft food.

Are your hens going to roost in the tree tops all winter, or will you provide a warm shelter?

A henhouse, from roost to scratching pen, should be dry enough so the dust will fly, every day in the year.

If you find a hen dead in the morning and don't know what ailed it, it is safe to assume that she was overfed.

Pile away a lot of dead leaves in a dry place, to use during the winter for litter on the floor of the scratching pen.

Did you breed from a thoroughbred cock? If so, how are you pleased with the result? If you did not, don't you wish you had?

When hens lack grit it can be supplied to them for a cent a pound, but when men lack grit they can't buy it by the pound.

Mark the likely fowls, and give them special care, for you will need to know them when selecting your breeding pen a few weeks later.

When your premises get hopelessly damp and sour, a liberal sprinkling of slacked lime will do wonders in the way of sweetening and drying them up.

Warm food will warm cold hens temporarily in cold weather, but with this for a starter a warm house will do the rest, and they will be warm all the time.

Never give more feed than will be eaten up at the time. It will only get sour, or mussy, and instead of being a benefit to the fowls will be injurious to them, if, indeed, it is eaten at all.

So far as egg-laying is concerned, you need not have a male bird on the premises. They soon grow hoggish, and tyrannical, and one of them will eat more than two hens will. So unless they are something you consider choice, and from which you want to breed, it were better to dispose of them now, before you put any more money into them.

Better begin to locate your flock of turkeys, for Thanksgiving Day approaches. You have doubtless allowed them free range, and perhaps haven't seen them in weeks. You should drive them to the farm and feed them there, and after you have done so a few times they will come of their own accord to be fed. Then they will be handy when killing time arrives.

Don't harbor that lot of cockerels and cull hens any longer. Corral them some fine day and sell them at the butcher's. That will give you the cash to use, stop the expense of keeping them, and more than all, it will give the remaining fowls more room, and more attention.

Your neighbors may not be willing to invest their money in thoroughbred fowls, but they will be willing, may even anxious, to exchange some of their dunghill eggs for yours when the time comes. You can do as you please about accommodating them.

Between late-hatched pullets and moulting hens, eggs can be indulged in only by those who are cradled in the lap of luxury. If you were fortunate enough to secure only a very few pullets from your first hatch last spring, they are rewarding you richly just now, while eggs are scarce and high-priced.

It is pretty definitely settled that if you would raise chicks that have no mixed colors and white feathers, you must allow them to run. It is next to impossible to keep the white feathers out of Brown Leghorn chicks when they are kept in close quarters. Chicks from the same breeding pen, will demonstrate this fact to anybody who will give the matter a fair trial.

This is your last chance, and if you have not already done so, you should take a day off, provide yourself with a hammer, a saw, and some nails, and repair the leaky roofs of your henhouse; batten up every crack, and tack a patch over every knot hole. If you don't make a business of it in this way, it is not likely you will do it at all, and the first snow storm will render the place damp and unhealthy and disagreeable all winter. Then you will wonder why your hens don't lay like your neighbors, and why your

(Continued on page 21)

### If You Keep Hens

You can read the Poultry Department of VICK'S FAMILY MAGAZINE also THE AMERICAN POULTRY ADVOCATE and POULTRY SUCCESS a full year (\$1.25 worth) for only 75c. Order of VICK PUBLISHING COMPANY.

## Consumption

### Finally Cured.

### A Fortunate Discovery.

The Northern Michigan Pine Tree is the greatest healer of the lungs and throat that has ever been known. The air in the Pine forests contains an element of the Pine Tree that is an absolute cure for all forms of throat and lung diseases. It is also a positive preventative from such diseases, consumption and kindred ailments being unknown in the Northern Michigan Pine lands. After years of study and experiment we have fortunately discovered how to extract this curative element from the Northern Pine Tree, and to convert it into a medicine that has the same powerful and healing effect on the lungs as the pine air has. This remedy—**Syrup of Pine**—is the most remarkable cure ever discovered for tuberculosis, colds, coughs, bronchitis, sore throat, hoarseness, etc. Its use will also prevent all those troubles, besides croup, and great gratitude I feel toward you for your wonderful remedy. It seems incredible that anything does accomplish what your remedy did in so short a time. Truthfully, I can say that I am better than I have been for many years. You are at liberty to publish this letter and may God bless you and your remedy, is the prayer of my heart. Very sincerely, **MAGGIE A. RUGGLE.**

Write at once to the **Pine-Tree Co., 128 Ottawa St., Grand Rapids, Mich.**, and ask for a sample bottle of this great remedy, and it will be sent you by return mail, entirely free. You will be surprised at its healing and curative powers. Do not run any risks with great remedy will prevent you from declining into consumption, and will renew you with perfect health and strength.

For participation in the newest and most beneficial Free Money Help Plan ever devised by which **\$100.00 FREE** will be advanced IN CASH for each applicant may be secured by cutting out this Numbered coupon voucher and sending it with name and address in a sealed envelope to Manager J.S.L. (Box 187), Jersey City, N. J.

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## A TRIAL FREE

### Tar-Pine Catarrh Cure.

A new discovery that positively cures. The greatest boon ever offered to sufferers from those dread diseases—Catarrh and Hay Fever. Nothing like it under the sun. Thousands have studied and experimented for years to discover a remedy that would not only relieve but cure Catarrh and Hay Fever absolutely and permanently, but all have failed in giving any more than merely temporary relief. We have the only positive and complete remedy in our

### Tar-Pine Catarrh Cure,

and the reason for this is simply in the fact that we have used in the formula new remedies that have never before been tried in the treatment of Catarrh and Hay Fever.

In order that everyone afflicted may have an opportunity of testing the merits of our remedy, we will send absolutely free, a trial treatment of our

### Tar-Pine Catarrh Cure

to anyone who will write for it and will enclose two 2-cent stamps for mailing. You can use the trial treatment and see for yourself the great good you will derive from it. Our treatment contains absolutely new ingredients which have never before been used in curing Catarrh and Hay Fever. They are the result of a recent discovery by one of the greatest medical authorities in the world, whose name the ethics of the medical profession prohibit us from making known.

Send for the trial treatment at once and obtain immediate relief. There is no reason why you should still suffer when the remedy is so easily within your reach. Remember, the trial treatment is absolutely free if you send us two 2-cent stamps for mailing. **Bell Drug Co., Dept. L, 4 and 6 East 14th Street, New York City.**

## A Complete Family Doctor for \$2



EVERY family should have always at hand the means to avert sudden and serious sickness, as well as to cure all common complaints, without the delay and expense of calling in a physician. For years, thousands of families have been kept well by the use of our wonderful household remedies, not common patent medicines, but the favorite prescriptions of famous specialists. To introduce these medicines, we will send **FREE** to any address for \$2, our

**ECONOMY MEDICINE CHEST**, an elegant Leatherette case, containing 12 Full Sized Bottles of these Remedies; cures for all common complaints and most Chronic conditions. Also our **COMMON SENSE DOCTOR BOOK**, filled with valuable advice on all health matters. Our patrons also have the benefit of **FREE MEDICAL SERVICE**, from our staff of regular physicians. We not only make our customers well, but we keep them well. Our remedies are not cure-all nostrums, but a separate Cure for each disease, all sold under the strongest guarantee ever written. Your money back if not entirely satisfactory. Not sold by Druggists.

**LIVE AGENTS WANTED.** Beach-Kingsley Co., 121 Collier St., Binghamton, N. Y.

**THIS OUTFIT CONTAINS 12 Full Sized BOTTLES of the following GUARANTEED CURES.**

Liver Pellets.  
Blood Builder.  
Kidney Cure.  
Dyspepsia Cure.  
Nerve Seeds.  
Diarthra Mixture.  
Headache Tablets.  
Female Tonic.  
Fever Remedy.  
Cough Cure.  
Catarrh Cream.  
Pile Paste.



## ARE YOUR HENS LAYING?

If not, try OVAMEAD, the Great Egg Producer. It strengthens and stimulates the egg-producing organs and **MAKES HENS LAY**. Enough for 10 fowls 3 months, 50 cents, postpaid. Trial package 25 cents, postpaid. Send for Circular.

OVAMEAD MFG. CO., Box 44, Rochester, N. Y.



**\$3.75** **\$3.75 BUYS A \$35 WATCH**  
and a handsome "Gold" watch chain & charm. **THIS IS A GENUINE GOLD FILLED WATCH** in appearance, superbly engraved, double hunting case, stem wind and stem set. **HIGH-GRADE RUBY JEWEL WORKS** which is absolutely guaranteed for **25 YEARS**. Send this to us and we will send the Watch & Chain C.O.D. \$3.75 & express charges to your door. If it is not satisfactory, pay \$3.75 & Ex. charges & it is yours. Write if you desire Ladies' or Gents' size. **CALUMET WATCH CO., Dept. 121, Chicago**

### A Beautiful Christmas Gift.

Here it is. **Our Genuine Gold Dipped Pen and Holder**. Guaranteed to give satisfaction, never to tarnish—one will last you a lifetime. **Your money back if not satisfied**. Order one today, sending **50 cents**—if not satisfactory, return it and back comes your money. **MALDSTONE CO., Box 13, Jamaica Plain, Massachusetts.**



### THE LATEST CRAZE.

#### "Combination Shirt-Bosom"

Entirely new. **20 shirts in one**. Saves laundry bills. Cut shows a few of the 20 beautiful stylish patterns (with corners turned back). **Red-hot seller**. Agents make \$10 Daily. Sample 25¢—if for \$1.00. Circulars of other sellers FREE. **J. W. EDGAR MFG. CO., 470 Peck St., Galesburg, Ill.**



### HAIR RESTORED.

**Spanish Hair Wine is \$1 and Sa-po Cream 25 cts.** But to assure disappointed sufferers of their true merits, **WE SEND ANY ONE FREE TRIAL BOTTLE OF BOTH** for 4 cents to pay postage. One application stops dandruff, cures baldness, makes luxuriant hair grow on head and face and restores color. \$5,000 offered to all using our free trials. **Globe Chemical Works, K, Baltimore, Md., U. S. A.**

## INTERESTING HORTICULTURAL FACTS

FOR THE Nature Lover or Garden Owner

Concise, crisp, entertaining articles of interest to every garden owner, every lover of horticulture or nature—**Mechanics' Monthly** is full of them. Not too technical, not dull; but bright, valuable, practical and instructive to the amateur as well as the expert.

Well edited and finely illustrated. It tells how to secure prettier and more attractive grounds, gives principles making success certain in landscape or horticultural work. All subjects are treated in a masterly manner, and in a fascinating style well calculated to create a greater love for nature and her beauties. It is full of flower lore.

The Magnificent of a native flower or fern Colored Plate... accompanying descriptive chapter, is a special feature alone well worth the subscription price of \$2.00 per year. Send \$1.00 for six months' trial, or 20¢ for specimen copy. No free samples. If you are interested in hardy trees or plants, send 10¢ for pretty book full of helpful hints and useful suggestions. It's free with every subscription.

**THOMAS MEEHAN & SONS, Publishers**  
Germantown, Philadelphia, Pa.

## OUR POULTRY PAGE.

(Continued)

hens get sick and mope around, and die. Be wise in time, for there is no surer way to have sick and unprofitable hens than to provide damp quarters for them.

That litter of feathers that covers your henhouse floor, which the moults have been shedding during the past two months, is in no way conducive to the healthfulness of the fowls, or the cleanliness of the premises. Better clean them all up, and throw on the compost heap. Sweep the floor clean, and scatter on fresh litter.

Some people make a mistake in manufacturing their henhouses, by boarding it up with two layers of boards, laid close together, with perhaps a layer of building paper, or tarred paper between. Such a house is bound to be damp and frosty on the inside in spite of you. In order to have a house dry in frosty weather it is necessary to have an air space between the two layers of boards. The natural heat thrown out from the bodies of the fowls will produce a dampness in cold weather which forms a white frost all over the interior of the house, and when the weather warms again this frost melts and the boards are wet. This will be avoided by leaving an air space between the two boards.

If you do not now keep fowls, and seriously consider so doing, this is an excellent time to begin, for several reasons. Don't begin on a large scale, or you will doubtless grow discouraged before spring comes again. Better decide which of the many good breeds you like best, and then ascertain where the best of that breed can be obtained. This will necessitate your deciding whether you want to keep fowls for meat, or for eggs or for both, or just for style. If you live in a town, you will doubtless decide that you want a fowl that will answer for all three of the purposes mentioned. We know of no fowl that will more perfectly fill the bill than the Brown Leghorn, you can have either single or rose comb. Having decided what you want, and where to get them, buy half a dozen pullets, and a cockerel, or if you are short of funds, buy a smaller number. Don't spend a fortune on an elaborate hen house and yard, as you may get sick of the business before spring, and sell out. Just get the largest dry goods box you can find, and arrange part of one side for a door; cut a hole and put in a window, and another at the bottom for a runway. Then put in a couple of perches, and a droppings board. Then put in one clean corner, a nest box, and you have a neat, comfortable house for a small number of hens. If you live in a cold climate, get two boxes, one a trifle smaller than the other, and slide one inside the other. This gives you an air space that will help wonderfully in making the house warm. If you place another box beside this, for a scratching pen, you will greatly increase your chances of getting eggs all winter. Take the best of care of your fowls, and you will be surprised at the number of eggs they will lay between now and spring. At that time, if you still want to keep hens, you are in good shape to secure a sitting hen, and

raise a brood from your own stock, and when you have raised them to the laying point, and studied them closely until your year is up, you are in good shape to decide whether you want to branch out on a larger scale, and build larger accommodations, or whether you have got enough of the chicken business, and want to quit. The experiment, as we have suggested will be comparatively inexpensive so that if you decide to quit you are not much out, and the eggs you have received, added to the experience you have acquired, should make you feel that you are ahead of the game. Most beginners are so full of abnormal enthusiasm, that they decide to revolutionize the poultry business at the outset, and show the world where it has made a mistake all these years. This leads them to enter the arena on a broad plan, which is not warranted by their knowledge of the business. Their calculations fall short; their enthusiasm cools off, and they find when it is too late that they have fooled away a lot of money, time, and energy which might have been saved, had they experimented on a smaller scale as we have suggested.

### No Person Should Die

of any kidney disease or be distressed by stomach troubles or tortured and poisoned by constipation. Vernal Saw Palmetto Berry Wine will be sent free and prepaid to any reader of this publication who needs it and writes for it. One dose a day of this remedy does the work and cures perfectly, to stay cured. If you care to be cured of indigestion, dyspepsia, flatulence, catarrh of stomach and bowels, constipation, or torpid and congested liver; if you wish to be sure that your kidneys are free from disease and are doing their necessary work thoroughly; if you expect to be free from bladder and prostate inflammation and from catarrh, rheumatism and backache; if you desire a full supply of pure, rich blood, a healthy tissue and a perfect skin, write at once for a free bottle of this remedy and prove for yourself, without expense to you, that these ailments are cured quickly, thoroughly, and permanently with only one dose a day of Vernal Saw Palmetto Berry Wine.

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## GARDEN NOTES.

If the good done by toads was generally understood, more care would be exercised in protecting them. They devour great numbers of cutworms, ants, sow bugs and weevils, as well as flies and lice. Seventy-seven per cent. of their food is insects, most of which are injurious to vegetation.

The easiest and best method to clean rusty garden and farm tools is to simply soak them over night, or longer if very rusty, in a barrel or a large keg of sour whey (such as we get back from the creameries). After they have soaked long enough to loosen the rust it can all be easily rubbed off with a wisp of hay. Then rub them dry with a rag, and go over them with kerosene oil.

You can have fresh, ripe tomatoes in January if you will take the green tomatoes that are on the vines when frost comes, wrap them separately in paper and spread them on the floor of a dark, cold closet, where, however, the temperature should be above freezing. Kept thus they will slowly ripen; when they are required for use, expose them to sunlight and heat for a couple of days and they will be ripe, firm and fresh.—*Farm Journal*.

The garden plot may be changed every two or three years in order to prevent diseases of plants. The plot for the garden should be selected at this season of the year, plowed and a liberal application of manure made, which should be harrowed in. Sow rye to cover the ground and plow it under early in spring, using a small quantity of lime, or apply woodashes. Have the plot so arranged as to cultivate in long rows in order to save time. The fall is the time to make the garden plot fertile.—*Mail and Empire*.

### Celery Rust.

Dr. O. C. Townsend, of the U. S. Department of Agriculture, has made experiments demonstrating that celery blight or rust can be kept in check by thoroughly spraying the plants during the season with the ammoniacal copper carbonate solution. It is made by placing one ounce of copper carbonate in just enough ammonia water to dissolve it, and then dilute it to nine gallons, using ordinary well water. Take about one-half pint of ammonia water and add one ounce of copper carbonate. When thoroughly dissolved, dilute to nine gallons and spray thoroughly with any ordinary spray pump. To secure the best results, the plants should be sprayed at least once a week, or oftener, if rain follows shortly after the application is made. Unquestionably the safest way is to begin with the treatment before the disease appears; but the development of blight may be retarded and perhaps completely checked even after it has made some headway by continued spraying. The leaves which have been attacked will die in spite of all treatment, but the other growth which is covered with the solution will resist the attack of the fungus spores and keep green. Dr. Townsend considers the ammoniacal solution far superior to Bordeaux in preventing the development of the rust. Shading the plants has also been tried, but with indifferent success. I have never taken much liking to the copper carbonate solution. The drug is not readily obtainable in small places. Notwithstanding Dr. Townsend's recommendation, I feel certain we have a simpler and perhaps even more effective remedy or preventive in the simple solution of copper sulphate. Celery will stand even strong applications of it quite well, and if the latter are repeated as often as recommended by Dr. Townsend for the ammoniacal solution of copper carbonate, I feel safe in promising to my friends just as good results from the simple copper sulphate solution as from the other. In both cases, however, it is advisable to begin the treatment early, and continue right along when the season or location is in any way favorable to the development of blight.—*Practical Farmer*.

Only one invention of greater value than the Briggs Temple-Clasp Eyeglasses is possible, and that is, the discovery of a way to do without eyeglasses altogether. Temple-clasp eyeglasses are fast relegating old style nose-clasp glasses where they belong—anywhere but on a human face. Wear Temple-clasp eyeglasses and find complete comfort. They are scientific and therefore perfect. See their ad on another page.

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### Your "Magazine Money"

The magazine Success is doing a great work, not only in bringing inspiration and good cheer, together with many suggestions for rising in the world into the homes of its subscribers, but also in providing them at extraordinarily low prices with the best magazines of the day. The "Success Clubbing Offers" became a household word last year and will again this fall and winter, and by them thousands and thousands of American families who have hitherto been unable to purchase more than one or two high class magazines for the family education, have been and now are, through these offers, able to subscribe to three or four magazines at the price of one—and not magazines of the lower order, but such well-known publications as *The Review of Reviews*, *Current Literature*, *The North American Review*, *The Cosmopolitan*, *Leslie's Popular Monthly*, *The New England Magazine*, *Leslie's Weekly*, *The Household*, *The Designer*, *Good Housekeeping*, etc. These offers are not made in a haphazard way, but upon a scientific basis. By large guarantees of subscriptions Success has been able to obtain extremely low prices on the different magazines in the Success Clubbing Offers and these low prices are justified by the fact that Success assumes all the burden of advertising and circularizing, so that the different magazines are relieved from the usual large expense incident to this department of their business. At the same time, nearly all the saving in the prices obtained by Success is given to the publications in these combination offers and the result of the whole is a decided economical advantage in which the publications share. Through special arrangements with Success the readers of this paper are given advantage of the Success Clubbing Offers and we advise them to take advantage of them while the opportunity lasts. The offers enable them to make the most of their "magazine money."



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Any man who desires to quit using tobacco may now do so in a very pleasant but thoroughly effective manner without any suffering or nervous tension. The remedy is perfectly harmless, and anyone may have a free trial package by sending name and address to the Rogers Drug & Chemical Co., 2328 Fifth & Race St., Cincinnati, Ohio.

## Ripening Late Tomatoes.

In our northern climate the frost comes before the tomatoes are all ripened. There are several ways in which the fruit may be ripened and saved for marketing or home consumption, says B. L. Glover, Maine, in an exchange. One market gardener, who makes it his business to sell at the best profit, ripens his late tomatoes in this way: When frost is imminent the tomatoes are picked from the vines and assorted.

An old hot bed with its glass sashes is utilized. Straw is put in the bottom to insure cleanliness and dryness. Upon this the tomatoes are packed in layers, the greenest ones at the bottom. The sash is placed on and kept there on cool nights. On warm days it is removed to admit air and dry out the moisture. It will not be long before the first layer will have ripened sufficiently to be taken out and marketed.

Another good way is to pull up the plants and hang them in the cellar with the roots up. It is a good plan to ripen the fruit as slowly as possible. The gardener, who is looking out for the best prices will do well to ripen his late tomatoes as late as possible instead of hurrying them into market.

## Hardy Onions.

The hardiest of all onions, and possibly of all garden crops, is the Egyptian, or winter, onions. It does not make a regular bulb like our common onions, but it gives very fair green bunch-onions much earlier in spring than we could expect to grow them from sets of our common sorts; and after once planting a patch of them in some out-of-the-way corner or any odd spot where they can have just ordinary care, the supply will be abundant and continue from year to year even without replanting. Some two months ago I received a quantity of Beaulieu's Hardy White onion-seed for trial. I have a little patch of this now growing in my garden, and shall soon be able to tell whether it is as hardy as the introducer claims. I have several times, some years ago, succeeded in safely wintering patches of Yellow Dutch from seed sown in August, and securing a big crop of bunching-onions in early spring. Such onions had to be pulled and used quite early, as those left for a while longer were bound to run up to seed. The introducer of the new Hardy White claims that it can be sown from August 15th to October 1st, and transplanted as soon as the sets are the size of goose-quills, or may be sown in rows, thinned out, and left to stand where sown.—*T. Greiner in Farm and Fireside.*



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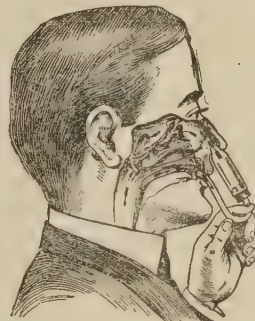
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If afflicted with Catarrh, or Cold in the head, write at once. We send our now famous remedy on three days' trial. A bottle of Eucatar Catarrh Cure, the Post-nasal Blow-pipe, full directions, etc. If you find it what thousands have already found it to be—the best remedy for catarrh and cold in the head ever offered to the afflicted—keep it and send us **sixty cents**. If not, three cents postage will send it back to us. Don't let disappointing experiences stand between you and our remedy. You will be surprised at the immediate results it will produce. It is safe, healing, pleasant, curative. This is certainly a fair offer. Will you accept it? Address Smith-Gardner Co., Chemists, Dept. M, 42nd St. and 6th Ave., New York.

## WE OFFER FREE

to introduce **Purity Tooth Powder** a very pretty solid Gold plated Brooch with each box sold. We want your future orders and guarantee powder and pin to please or money refunded. Price 25 cents. Agents Wanted. **PURITY POWDER COMPANY, Cortland, New York.**

**STOVE LINING.** We sell the only stove lining on the market that is composed of Fire-Proof Material. It is used as a substitute for fire brick, also for repairing cookstoves, grates, furnaces, or any part of a stove that comes in contact with the fire. It is indestructible, easily applied with a trowel or knife, and makes the most durable stove lining in the market. Now is the time to attend to your stoves, etc., do not wait until cold weather sets in. Full direction with each box. Put up in 6 and 12 lbs. wooden boxes. 6 lb. box, 50c. each; per doz. \$4.00. 12 lb. box each 75c. per doz. \$6.00. This is the best article for agents to handle, during the winter.

The Viridon Co., B. 756, St. Louis, Mo.

**A NEW MONEY MAKER**  
 For Agents. A household necessity. 70,000 sold in Minneapolis. Costs 7c, sells for 25c. Agents making \$7.00 per day. Millions will be sold. You show what it will do and it sells itself. People borrow money to buy it. Bats everything as a money maker. Send 10 cents TO-DAY for sample outfit. Domestic Mfg. Co., Minneapolis, Minn.

**ATTENTION** I wish to buy all kinds of old Antique, Crockery, Silverware, Brass Candlesticks, Grand-Father Clocks, and old Mahogany Carved Furniture. Will pay Spot Cash. For information address with stamp. B. Rosenstiel, Dept. B, 3141 State St., Chicago, Ill.

**I FURNISH ADVICE**  
 ON ANY SUBJECT—DOMESTIC FAMILY TROUBLES, MARRIAGES, BUSINESS VENTURES, LOVE AFFAIRS, ETC. MY CHARGE IS 25 CENTS ON ANY SUBJECT. BE SURE IN WRITING TO LAY THE WHOLE CASE BEFORE ME. DON'T BE AFRAID TO GIVE THE FACTS OF THE CASE. EVERYTHING IS TREATED AS CONFIDENTIAL. **DON H. WIMMER, De Soto, Mo.**

**Soap in a Book.** Ready for shaving or washing. To carry in pocket when traveling. One leaf torn out furnishes heavy lather. Send 10c. **ADMIRAL MFG. CO., 2023 St. Clair St., Cleveland, Ohio.**

## SEA SHELLS

25 different varieties by mail for 25c. stamps or coin, with engraved list. **SHELL** for making Wire Jewelry, Tools, Gold Wire, Etc. For beginners, a good paying business; send for list. Agents wanted for large showy shells and collections. **J. F. POWELL, Waukegan, Illinois.**

**MARRIAGE** 16 pages with the full name and address of every lady and gentleman advertiser. 10 cents. **GARRETT, 11 MARBLE ST., BOSTON.**

**LADIES!** Nordic Corset Covers lace trimmed, fine material—the \$3.00 kind. Bust and waist measure with \$1.00 for sample. Agents wanted. **Calogian Supply Co., Chicago, Ill.**

**U Bi** cough lozengers, positively cures a cold in one night, just the thing for children subject to croup. More convenient and better than any cough syrup. Price 10 cents. Address, **U Bi Company, 4532 Cook Avenue, St. Louis, Missouri.**



# Man's Influence Over Man.

## Remarkable Words on Personal Magnetism From an Eminent Divine.

No subject has excited so much interest or awakened so much discussion among thinking people of late as that of Personal Magnetism. It is worthy of note that clergymen, doctors, college presidents and men of science everywhere are giving it deep thought. Many of them have openly certified to its wonderful powers. The outspoken words of the Rev. Paul Weller of Gorham, N. Y., in this connection will call forth no little additional comment.



REV. PAUL WELLER.

In answer to a personal letter from an intimate friend, asking if it were true that he (Rev. Mr. Weller) had become a firm believer in Personal Magnetism and Hypnotism, Rev. Weller wrote:

The facts are: The subject of Personal Magnetism or Hypnotism, to which I have devoted many years of study, was recently more forcibly than ever called to my attention through reading a scientific work on the subject, now being circulated by the New York Institute of Science of Rochester, N. Y.

I am a minister of the Gospel, but I do not hesitate to say that the reading of that book and the subsequent study of its contents have worked an all-powerful, important and good influence over me. My recommendation of Personal Magnetism, a subject every man and woman may study with profit, is made after thorough investigation and with complete knowledge of its great value. I make this statement deliberately. The study of Personal Magnetism, as set forth in the admirable books I have mentioned above, should be next to the study of the Holy Bible.

Personal Magnetism embodies all the laws governing man's influence over man. It is the power that makes men mold the minds of men. It turns life's failures into successes. It develops the latent powers of the will and makes one capable of the accomplishment of great deeds. I have received many letters on the subject, and to all writers I have answered: "Write to the New York Institute of Science, Rochester, N. Y., asking for their scientific work on Personal Magnetism and Hypnotism. It will be sent to you free of charge. If its perusal does as much for you as it did for me you will thank me the longest day you live for having called your attention to the book."

Yours truly,  
(Rev.) PAUL WELLER.

It will only be necessary for you to send your request to the New York Institute of Science, Dept. JB2, Rochester, N. Y., and you will receive the volume Rev. Paul Weller recommends by return mail. IT IS FREE. A postal card will bring it.

**LADIES** made beautiful by using **Sitrua Bust Developer**. Fills all hollow places; adds grace, curve, and beauty to the neck. Miss E. Murphy, Mgr. V. M. Curtis Remedy Co., 90 Wabash Ave., Chicago.

### Book Notices.

**House Plants and How to Succeed with Them.** By Lizzie Page Hillhouse. Every woman who tries to grow houseplants will especially appreciate this book, for with each new plant added to one's collection comes the question as to how it should be treated to produce the best results. The book is full of practical suggestions on the care, cultivation and propagation of hundreds of plants adapted to growing in the house and the garden. A. T. De La Mare Ptg. and Pub. Co., New York. Price, cloth, \$1.00; paper, 50 cents, postpaid.

**Plant Culture.** By George W. Oliver. A working handbook of every-day practice for all who grow flowering and ornamental plants in the garden and greenhouse, is just what is needed by thousands of people, and the thoroughly reliable information conveyed in a concise and practical way in this book will be appreciated by all those interested in this subject. The book has been gotten up for use and its moderate price places it within the reach of all. A. T. De La Mare Ptg. and Pub. Co., New York. Price \$1.00, postpaid.

**What a Young Wife Ought to Know.** By Mrs. Emma F. Angell Drake, M. D. This is one of the Self and Sex Series and the one for which a prize of one thousand dollars was given. Like all the books of this series it is devoted to the cause of purity and truth, and the subjects of which it treats are handled in a manner at once delicate and plain, while the practical information which it conveys is of invaluable importance to the ones to whom it is addressed. Every young wife should be the possessor of a copy of this book, which is especially devoted to her needs. Published by the Vir Publishing Company, Philadelphia, Pa. Price \$1.00.

**The Century Supplement to "Nicholson's Dictionary of Gardening."** The second of the two volumes which comprise the supplement to the original Dictionary of Gardening has lately been issued, and brings that standard work up to date in every respect.

In the twenty years that have passed since the first edition of the Dictionary of Gardening was published, hundreds of new plants have been introduced; many old favorites have had their day, been relegated to obscurity, and new ones have taken their places; changes in nomenclature and in methods of cultivation have been adopted; the life histories of many species of insects which trouble plants have been worked out and methods of dealing with them improved upon.

All these and many other interesting changes are noted in the Supplement, as well as the results of the latest discoveries and researches in all departments of horticulture. As an illustration of the number of plants which have been introduced, sixty-five new varieties of begonias, eighty-five lilies, fifty-five gladioli and about one hundred fifty iris, are named in the Supplement. In arrangement of matter and style the Supplement corresponds with the original work, and the ablest authorities have contributed to its pages. The two volumes of the supplement comprise 747 pages, profusely illustrated with half-tone engravings and full page colored plates.

Those who possess the first volumes will not need to be urged to obtain the Supplement, and no one interested in horticulture can afford to be without the full set, which constitutes in itself a good working library.

Published by George T. King, Hyde Park, Mass. Price \$5.00 per volume.

**Henderson's Picturesque Gardens and Ornamental Gardening Illustrated.** By Charles Henderson.—This recent work on gardening is one of the most unique and beautiful ever published. It shows by hundreds of illustrations what has been done in the way of picturesque and ornamental gardening in this and other countries. No one style of gardening is exalted at the expense of another, Mr. Henderson saying: "To our mind, there should be no set 'style' followed in adorning the gardens and lawns. Every house and its surroundings should invite its own plan, which gives the estate added charms of originality, variety and character." Carrying out this idea, illustrations are given of formal, Italian, Grecian, topiary, sunken and terrace, walled and old-fashioned, Japanese, sub-tropical, aquatic, bog or marsh, rock and wild gardens, and so charming are the pictures, so beautiful the views, one cannot help feeling that all have their attractive features.

About 340 illustrations, many of them full-page,

are given on the 160 pages of the book. Very little descriptive reading matter is given, just enough to describe the view and name the plants, vines, trees, and shrubs needed to produce a similar effect; the illustrations, which are of the highest order, tell the story better than words.

The book is not all devoted to grand effects on extensive lawns and grounds; happy combinations of plants, shrubs and trees adapted to small grounds are given; pictures of old dead trees and posts luxuriantly covered with vines show how such prosaic objects can be made beautiful; and even the possibilities of the unattractive "back yard" are illustrated in such a way that the owners of the most unpretentious homes cannot fail to find valuable suggestions for making their surroundings attractive.

To those who are planning new grounds, "Picturesque Gardens" will be invaluable, and those who desire to still further adorn their lawns and gardens will find many views which will suggest to them just how to do this.

Published by Peter Henderson and Company, New York. Price \$2.50 postpaid.

### FREE TO EXPECTANT MOTHERS.

Dr. J. H. Dye has devoted his life to curing the ailments of women, and relieving especially the pains of child-birth. He has proved that it is not natural for women to suffer in giving birth to children, and will gladly send to all women a book which tells how to give birth to healthy children without pain. All women who wish to enjoy the blessings of motherhood will receive just the advice she needs to enable her to become a happy, healthy mother. This will cost absolutely nothing; your name and address sent to Dr. J. H. Dye, Lewis Block, Buffalo, N. Y., will bring it postpaid. Write at once.

Prof. McDonald has a new ad in this issue. Look it up.

**LADIES.** For 25c. (coin or stamps) I will send you directions for making a delicious perfume. Address, **Chris Van den Berg, Grand Rapids, Mich.**

### The Bottle and the Cork.

A bottle and a cork cost \$1.10; the bottle cost \$1.00 more than the cork. What did each cost?—*From Mental Nuts.*

Two 2c. Stamps Give Special Coupon Character Club. Personal exchanges—Beautiful for Free. Make Friends. Know people. Character Club. Wash, St., Binghamton, N. Y.

### NECKWARE BY MAIL.

Something new. Merseized Sateen made in Band-Bow or Shield-Bow and Batwing or Club Ties. Send Fifteen cents for Sample. **HAEL MFG. CO., 725 E. 171st St., New York.**

**AGENTS.** We have Got It, people want it. You can sell it and make over 100 per cent profit. It is a useful novelty needed in every home and most business places. Send 10c for sample and get to work. **JUNEAU SPECIALTY CO., 447 Milwaukee St., Milwaukee, Wisconsin.**

### GOOD PRINTED ENVELOPES

of the best quality, white or colored. No. 6. printed with your name and return address in GOLD, very pretty and sure to please you. Sent to you anywhere postpaid, on receipt of price 25 for 15c., 50 for 25c., 100 for 45c., address, **Monthly Herald, Beaver Springs, Pa.**

### Rheumatism Positively Cured.

**CARLSBAD** A wonderful relief and cure for those suffering from rheumatism. **BLOOD TONIC** Free sample and Particulars. **Carlsbad Tonic Co., Box 97, Milwaukee, Wis.**

### Taking Care of The Body

is just as much a result of knowledge as taking care of any other animal. If you desire to know how to take care of the body so that it will never become sick or diseased and how to take care of the wife and children, get the best knowledge that is possible. The most complete knowledge published in any language is in the **Middle C. Keith** books. They give you the best kind of practical knowledge; save you money by saving you doctor's bills; give you the law and the testimony and teach you how to reach one hundred and twenty years without disease or illness of any kind. Postal brings particulars. Keith, Publisher, Belleville, O.

**PHARAOH'S HORSES** 17x24 inches. Heavy proof paper, ready for framing. These are reproduced from the original painting in colors instead of the dull gray in which they have heretofore been sold. They have never been sold in this series for less than \$1 but in order to get our catalogue into your home we will send the picture and catalog prepaid for fifty (50) cents, or the catalog alone for a stamp. None free. **EASTERN NOVELTY CO., 13 Proctor Block, Salem, Massachusetts.**



### HOME WORK. 60c. a sheet copying. Send stamp. Wholesale Supply Co., South Bend, Ind.

**Sacred Charm.** Brings peace, happiness and prosperity to the despondent, 10c. **Isaac Beaver, Annville, Pa.**

**MARRIAGE PAPER.** Best Published—FREE. **J. W. GUNNELS, Toledo, Ohio.**

**FREE Spiritual Reading.** Send hand-writing with 3 questions to answer and 10c for expenses. **R. H. Eichner, Dept. W, 1127 Comet, Baltimore, Md.**

**AGENTS** Send for free sample of new money maker. Just out. **Big Profits. American Novelty Co., Dept. W, Newton, N. J.**

**MYSTIC CLOTH!** The best and cheapest polisher known. Sample 10 cents. Agents wanted. **H. Fenton, 4811 N. Front St., Philadelphia.**

**LADIES** Parisiennes' Pills the \$1000 harmless monthly regulator relieves in a few hours. Box free. **Atlas Chem. Co., Dept. E, Milwaukee, Wis.**

**EVERY WOMAN** wants one of our Household Novelties. Sample 10 cents. **Dyer Supply Co., Plymouth, Mass.**

**ANY** lady sending us 6 names of good dressers with 10c, will receive a handsome article for neck wear free of cost. **B. Adams Fur Co., Roxbury, Mass.**

**The Ladies** are all sending 25c. for Dr. Ry's new book, all a woman needs to know, irregularities corrected, etc., **27 4th-st. S. Minneapolis, Minn.**

**AGENTS WANTED** Live proposition. Do not fail to write at once. We will show you how to make money. **O. K. NOVELTY CO., West Chester, Ohio.**

**To Make 25 Cents Go as Far as \$1** Mail it to D. Redington, Binghamton, N. Y., for a set of his Patent Collar-Buttons. They are worth the money.

**YOU** are wanted for new fields, positions, large salaries. For free lessons in shorthand and Spanish, Address, **Prof. J. C. Steiner, Lexington, Ky.**

### THE DOCTORS SAY!

We make the best medicines in the world. If sick or ailing, write a card, medicine sent on trial, prepaid. Address with stamp **H. C. BELLE CO., Chemists, Douglas Park, Chicago.**

**EASY MONEY For Women.** \$10 to \$18 per week easily made working at home. No experience necessary. Everything furnished. Particulars for stamp. **B. D. ELLIS MFG. CO., 510 Jackson St. Chicago.**

### From the Ball Room to Hell.

Have you read the thrilling, startling truth in the above book? A dancing master's experience 25c. postpaid. **Western Supply Co., Coffeyville, Kan.**

**EASY MONEY** for everybody, selling our goods, samples and terms 10 cents, with each order for samples, we give a fine Aluminum comb Free! Try us once, you won't be sorry. **The Globe Co., Marlboro, Mass.**

**ANY LADY** suffering with Female Trouble and addresses of ten women who need treatment, I will send a 40-cent box of the famous "HOME TREATMENT" for women free. Address, **Mrs. Harriet Hartman, Box 445 R, South Bend, Ind.**

**All About Bed Bugs** A neat little booklet giving their history, habits and means of extermination; sent (sealed) for a 2-cent stamp. **HOUSEHOLD RECIPE BUREAU, 15 Milford St., Boston, Mass.**

**DO YOU WANT** the best and most convenient Steam Cooker made. I sell it. It saves labor and fuel, and its convenience will surprise you. Sent direct to consumer. You save agents' profits. Send for descriptive circular. **Wm. E. Williams - Pontiac, Michigan**

**FOR EVERY LADY AND GENT.** Baxter Neck Tie Fastener, new - - - 10c Gold Plated Link Cuff Buttons - - - 25c Gold Plated Collar Buttons, Pearl Back - 10c Gent's Neckwear, new style, Scarf or Bow - 25c **Wright & Son, 593 Park Ave., Chicago, Ill.**

### LASTING PERFUME TABLETS.

Pure Extracts in solid form. Far excel liquids for Economy, Strength and Convenience. One in Clothing or Handkerchief box produces delightful refreshing fragrance for weeks. Sealed Capsules. All orders 25 cents. **Money promptly returned if unsatisfactory.** Free Circular. Agents wanted. **Wm. J. Deakney, Dept. C, Camden, N. J.**



**AGENTS WANTED—MEN and WOMEN**  
for the splendidly illustrated and wonderfully popular new book  
**THIRTY YEARS IN WASHINGTON**  
By MRS. GEN. JOHN A. LOGAN. It portrays the  
inner life, wonderful activities, marvels and mysteries of the  
Capital as a famous and highly privileged woman sees them.  
Beautifully illustrated (50 Plates) by Government consent  
and aid. Sold by agents only. \$1.50 thousand. (C) A  
few more reliable agents wanted, but only one agent in a  
place. (C) Some of our agents are making \$100 a month.  
(C) Distance no hindrance, for we pay freight, give credit,  
easy terms, and exclusive territory. Address:  
**A. D. WORTHINGTON & CO., Hartford, Conn.**

## A SILK-E-SKIRT

LOOKS LIKE SILK  
—COSTS LESS...

\$2.00  
Car-  
riage  
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PRIZE DESIGN NO. 604.

This design is our regular \$5.00 Skirt, which we  
sell you at \$2.00 to introduce SILK-E. Made  
with 3 rows of full ruffles, 1 row of gilt and black  
trimming on each ruffle. Pointed and gathered  
ruching running from top ruffles to the heading  
of same. A satisfactory skirt in every particular.  
Colors: Black, Old Rose, Pea Green, Hollo-  
trope, Lavender, Cardinal, Royal Blue, Turkey  
Red.

Lengths: 39, 40, 41, 42 inches.  
Send \$2.00 to

Agents wanted.

**H. F. NATHAN, 721 Broadway, N. Y.**

Money refunded if not satisfied.

### Potatoes Priceless.

Little drops of water,  
Little specks of dew,  
Make the big potatoes,  
And the small ones too.

And the grocer sells 'em  
At so much a slice,  
For to buy a whole one  
No one has the price.

St. Louis Post Dispatch.

### It Staggered Them.

There was a division of one of the  
largest department stores along Sixth  
avenue that suspended business for  
half an hour one day last week, says  
the New York Telegram. A woman  
bought some handkerchiefs and a pair  
of towels. The clerk footed her bill,  
49 cents, and the woman laid a paper  
bill on the counter.

The clerk, a girl, looked at it hastily.  
It read \$1000. She had never seen a  
thousand-dollar bill before in her life  
and the amazement it caused made  
her speechless. With her mouth open  
in wonder she made out the check  
showing that 49 cents was to be taken  
out of \$1000. The girl who acts as  
cashier fell back in her chair when she  
saw the bill. She didn't have change  
for it, and after gazing at it in won-  
dering admiration for a moment she  
rushed out to find the manager. He  
asked for the customer who had of-  
fered it, and the girl led the way to  
where the woman was waiting. The  
clerk had recovered from her surprise  
enough to point out the customer.

The manager said: "Madam, what  
did you buy?"

The woman named over the small  
articles.

"What did you give the clerk?"

"I gave her a dollar bill."

"No, you gave her this and it is  
worthless," the manager said sternly.

Perspiration stood out on the wo-  
man's face as she looked in wonder at  
the bill. She fished a dollar out of a  
handbag she carried, and paid. By  
that time she had figured out an ex-  
planation. She has a son attending a  
business college, where they have  
mock transactions in business, and  
paper to look as much like money as  
the counterfeiting laws of the country  
will permit is used. The clerks had  
been so stunned by the big figures  
that they did not see that it was not  
money at all, but a fake bill.

"Has your husband ever been ac-  
cused of plagiarism?"

"No, and it discourages him, too.

It shows that he has never written  
anything that's so good other people  
would like to claim it."—Chicago  
Record-Herald.

Just laws are no restraint upon the  
freedom of the good, for the good man  
desires nothing which a just law will in-  
terfere with.—Froude.

### IF YOU KEEP HENS

ACCEPT THIS LIBERAL OFFER.

The American Poultry Advocate 1 year - .25  
Poultry Success 1 year - .50  
Vick's Family Magazine 1 year - .50

ALL FOR 75 CENTS. \$1.25

VICK PUBLISHING COMPANY,  
30 Triangle Building, Rochester, N. Y.

Vick's 3 yrs. for \$1.00.

### Man and His Work.

No man is born into the world, whose work  
is not born with him; there is always work,  
And tools to work withal, for those who will,  
And blest are the horny hands of toil!  
The busy world shoves angrily aside  
The man who stands with arms akimbo set,  
Until occasion tells him what to do,  
And he who waits to have his task marked out  
Shall die and leave his errand unfulfilled.

James Russell Lowell.

### Bill Nye as a Dairyman.

When I was young and used to roam  
around over the country, and gather  
watermelons in the light of the moon,  
I used to think I could milk anybody's  
cow, but I don't think so now. I do  
not milk the cow unless the sign is  
right, and it hasn't been right for a  
good many years. The last cow I  
tried to milk was a common cow, born  
in obscurity, kind of a self-made cow.  
I remember her brow was low, but  
she wore her tail high and she was  
naughty, oh so naughty.

I made a commonplace remark to  
her. One that is used in the very  
best society, one that need not give  
offense. I said "So"—and she "Soed."  
Then I told her to "Hist"—and she  
"Histed." But I thought she overdid  
it. She put to much expression in it.

Just then I heard something crash  
through the window of the barn and  
fall with a thud, sickening thud, on  
the outside.

The neighbors came to see what it  
was that caused the noise. They  
found that I had done it in getting  
through the window.

I asked the neighbors if the barn  
was still standing. They said it was.  
Then I asked them if the cow was  
injured much. They said she seemed  
quite robust. Then I requested them  
to go in and calm the cow a little, and  
see if they could get my plug hat off  
her horns.

I am buying all my milk now of a  
milk man. I select a gentle milk man,  
who will not kick, and feel as though  
I can trust him. Then, if he feels as  
though he can trust me it's all right.  
—Bill Nye.

No one ever yet managed a love  
affair and anything else successfully  
at the same time.

"Good Lord, in every time and place

Give meat enough for saving grace;

But if no meat Thou art bestowing,

Give bread enough to keep us going!"

Atlanta Constitution.

**Mothers!  
Mothers!!  
Mothers!!!**  
Mrs. Winslow's Soothing Syrup

has been used for over SIXTY YEARS by MIL-  
LIONS of MOTHERS for their CHILDREN  
while TEETHING, with PERFECT SUCCESS.  
IT SOOTHES the CHILD, SOFTENS the GUMS,  
ALLAYS all PAIN; CURES WIND COLIC, and  
is the best remedy for DIARRHOEA. Sold by  
Druggists in every part of the world. Be sure  
and ask for "Mrs. Winslow's Soothing Syrup,"  
and take no other kind. Twenty-five cts. a bottle.

**THE NATURAL BODY BRACE**  
**CURES WOMEN**

of Female Weak-  
ness, Inflama-  
tion, Internal  
Pains, Leucorrhoea,  
Backache, Head-  
ache, Nervous-  
ness, Indigestion,  
Melancholy, Lung  
diseases and ail-  
ments of the di-  
gestive and gen-  
erative organs.  
Brings Comfort,  
health and  
Beauty. Whole-  
external, fits the figure. Worn with or without  
corsets. Invaluable to the prospective mother.  
See how it Feels: Press a hand on the small of  
the back, throw your shoulders back, put the other  
hand under the abdomen and lift it up. What a  
relief!  
Thousands write us like this:  
Rushville, N. Y., June 9, 1901.  
I had been ailing for fifteen years from backache, head-  
ache, bearing down pains, constipation, leucorrhoea and  
pruritus of both womb and bladder. I had been treated by  
some of the best specialists in the country without avail.  
Your brace cured me. The organs have gone back to proper  
position and remain there. Mrs. G. C. Shuman.  
Free trial for 30 days. Write today for particulars and illu-  
strated book, mailed free in plain, sealed envelope. Address  
**THE NATURAL BODY BRACE CO.,**  
Box 748, Salina, Kansas.

**LIFE SIZE DOLL**  
**FREE** "Baby's clothes will  
now fit Dollie."

Girls can get this beautiful  
Life Size Doll absolutely Free for  
selling only four boxes of our  
Great Cold & Headache Tablets  
at 25 cents a box. Write today  
and we will send you the doll  
by mail postpaid; when sold send  
us the money (\$1.00) and we will  
send you the Life Size Doll which  
is 24 inches high and can wear  
baby's clothes. Dollie has an in-  
destructible Head, Golden Hair,  
Rosy Cheeks, Brown Eyes, Kid Col-  
ored Body, a Gold Plated Beauty  
Pin, Red Stockings, Black Shoes,  
and will sit alone. This doll is an  
exact reproduction of the finest hand  
painted French Doll, and will live  
in a child's memory long after child-  
hood days have passed. Address,  
**NATIONAL MEDICINE CO.,**  
Doll Dept. 224 L, New Haven, Conn.

**TOM THUMB TEN PINS.**

An amusing and inter-  
esting pastime for old and  
young. It consists of the  
regular layout of  
ten pins and three  
wooden balls. The  
nearest little set  
you ever saw. The  
game can be played  
on a table or on any  
flat surface, and with a little  
practice one can  
repeatedly make  
ten strikes and finish with a high score, as on a regular  
bowling alley. Each set in a strong wooden box, com-  
plete, 12 cents, by mail, postpaid. AGENTS WANTED.  
**ERNST MANUFACTURING CO., 515 E. 56th St., N. Y.**

**GOLD PLATE FOUNTAIN PEN.**

Hard Rubber Barrel, Unbreakable Cap,  
Screw Section, 14-k. Gold Plate Pen,  
box and filler. Discount to Agents.  
**PEN CO., 102 V. Beekman St., N. Y. FOR SAMPLE**

**BOYS & GIRLS** **FREE**

Can get this  
beautiful WATCH, with a handsome  
chain for boys & a gold plated  
chain for girls, for selling only  
8 of our MAGNIFICENT FAMILY RECORDS  
at 25 cents each to friends and neigh-  
bors. The Records are in 8 colors,  
and make a most magnificent orna-  
ment for any home. Watch is  
finely finished, has an American  
movement and is warranted to  
keep time equal to watches costing  
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happy persons are those who  
have grasped these golden  
opportunities. Luck does not  
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do, When and How to do it. A Ruined  
Life is prevented, a Fortune Made, Death  
thwarted and Happiness secured in thou-  
sands of cases by having a few questions  
answered. It is a matter of Business, Love,  
Speculation or Health consult Astrology an-  
t by the unalterable law of the Planets, it will,  
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You have Lucky Days. You want to Marry  
the right one or have married, and desire to  
know how to live the most happy life. Or, you  
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### After All.

We take our share of fretting,  
Of grieving and forgetting;  
The paths are often rough and steep, and heedless feet may fall;  
But yet the days are cheery,  
And night brings rest when weary,  
And somehow this old planet is a good world, after all.

Though sharp may be our trouble,  
The joys are more than double,  
The brave surpass the cowards, and the leal are like a wall

To guard their dearest ever,  
To fail the feeblest never;  
And somehow this old earth remains a bright world, after all.

There's always love that's caring,  
And shielding and forbearing,  
Dear woman's love to hold us close and keep our hearts in thrall;  
There's home to share together  
In calm or stormy weather,  
And while the hearth-flame burns, it is a good world, after all.

The lisp of children's voices,  
The chance of happy choices,  
The bugle sounds of hope and faith, through fogs and mists that call;  
The heaven that stretches o'er us,  
The better days before us,  
They all combine to make this earth a good world, after all.

—Margaret E. Sangster.

### Talk About Apples.

The apple contains a larger percentage of phosphorus than any other fruit or vegetable. This phosphorus is admirably adapted for renewing the essential nervous matter, lethicin of the brain and spinal cord, says Chicago "Record-Herald." The old Scandinavian traditions represent the apple as the food of the gods, who when they felt themselves to be growing old and feeble and infirm, resorted to this fruit for renewing their powers of mind and body. The acids of the apple are also of signal use for men of sedentary habits whose livers are sluggish in action. These acids serve to eliminate from the body noxious matters, which, if retained, would make the brain heavy and dull or bring about jaundice or skin eruptions and other allied troubles.

The ancient practice of taking apple sauce with roast pork, rich goose and like dishes is based on scientific reasons. The malic acid of ripe apples, either raw or cooked, will neutralize any excess of fatty matter engendered by eating too much meat. Fresh fruits, such as the apple, the pear and the plum, when taken ripe and without sugar, diminish acidity in the stomach rather than provoke it. Their vegetable salts and juices are converted into alkaline carbonates, which tend to counteract acidity.

A good, ripe, raw apple is one of the easiest of vegetable substances for the stomach to deal with, the whole process of its digestion being completed in 85 minutes. Besides these medicinal qualities of the apple, it has great virtue for local applications. The paring of an apple, cut somewhat thick, is an ancient remedy for inflamed eyes, being tied on at night when the patient goes to bed. In France a common remedy for inflamed eyes is an apple poultice, the apple being roasted and its pulp applied over the eyes without any intervening substance.

### For Chapped Hands.

Some one recommends to take common starch and grind it with a knife till reduced to the smoothest powder. Put it in a clean tin box so as to have it continually at hand for use. After washing the hands, rinse them thoroughly in clean water, wipe, and while they are still damp, rub a pinch of starch thoroughly over them, covering the whole surface. The effect is magical. The rough, smarting skin is cooled, soothed and healed.

### Now.

Break now the alabaster box  
Of sympathy and love,  
Amid the cherished friends of earth,  
Ere they are called above.  
How many burdened hearts are here  
That long for present help and cheer!

The kindly words you mean to say  
When they are dead and gone  
Speak now, and fill their souls with joy  
Before the morning's dawn.

'Tis better far, when friends are near,  
Their saddened hearts to soothe and cheer.

—James J. Reeves.

### Novel Uses of Paper.

Paper is used for a greater variety of purposes in Korea than anywhere else, and its toughness and durability render it invaluable. The coarser sorts are made from old rags and paper, and the finer from the paper mulberry.

Oil paper about a sixth of an inch in thickness is pasted on the floors instead of carpets or mats. It bears washing, and takes a high polish from dry rubbing. In the royal palaces, where two tints are used carefully, it resembles oak parquet. It is also used for walls. A thinner quality is made into the folding, conical hat covers which every Korean carries in his sleeve, and into waterproof cloaks, coats, and baggage covers. A very thick kind of paper made of several thicknesses beaten together is used for trunks, which are strong enough to hold heavy articles. Lanterns, tobacco pouches, and fans are made of paper, and the Korean wooden-latticed windows, from the palace to the hovel, are "glazed" with a thin, white, tough, variety, which is translucent. Much prized, however, were my photographic glass plates when cleaned. Many a joyful householder let one into his window, giving himself an opportunity of amusement and espionage denied to his neighbors.—Isabelle Bird Bishop.

### Economy.

Uncle Hiram (just back from the big city)—"I don't think that nephew of our'n is got as much money as he makes out he has."

Aunt Emily—"Why, I thought you said he had such a nice home in the city."

Uncle Hiram—"But I didn't tell ye nothin' about him havin' both them little girls o' his'n playin' on the same pianer at once. I tell ye he's a-gittin' hard up.—San Francisco Chronicle.

Fat folks I am a nurse; reduced 45 lbs. four years ago by a harmless remedy; have not gained; health perfect; nothing to sell; will tell you how it was done. Address with stamp Mrs. Vick MacCrone, 431 Hawley St., Rochester, N. Y.

A man has no more right to say an uncivil thing than to act one; no more right to say a rude thing to another than to knock him down.—Dr. Johnson.

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## FREE. HOME TREATMENT

If you are sick and want to get well, write Prof. Adkin, the discoverer of the new treatment, the possibilities of which have started the medical world. State the symptoms of your trouble, and Prof. Adkin will scientifically diagnose your case individually and prescribe a simple home treatment, free of charge, which is guaranteed to make you well and strong. Your correspondence will be held sacredly confidential. We will also send you a copy of his wonderful new book entitled "How To Be Cured and How To Cure Others." The book describes fully the Vitapathic treatment, and tells you how you can acquire this wonderful power and cure yourself and the sick around you. Address **PROF. THOS. F. ADKIN, President, Institute of Physicists & Surgeons, Office 223 E. Rochester, N. Y.**

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as guarantee of perfect safety.—Nothing like it, nor can be, for Mail Order Money Maker. A prophylactic, Antidote and cure for Measles, Scarlet Fever and Small pox. Samples sufficient to make 16 ounces, 10 cents silver. Sell for \$1.00 to \$2.00. Heart, lung, stomach, and other specific remedies—result of 7 years test in practice—Special advice by letter \$1.00. "Dr. Garmon's remedies cured one of my sons of Scarlet Fever, and saved two others from taking it."—Mrs. G. J. Williams, Oakland, Cal. Address, **J. O. GARMON, M. D., Los Angeles, Cal.**

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### Ashes of Roses.

Soft on the sweet sky  
Bright daylight closes,  
Leaving where light doth die  
Pae-hues that mingling lie,  
Ashes of roses.

When love's warm sun is set,  
Love's brightness closes;  
Eyes with hot tears are wet;  
In hearts there linger yet  
Ashes of roses.

Elaine Goodale.

American apples were selling last week in Great Britain at wholesale at \$4 to \$6.35 a barrel. It would be interesting to know what the American growers received for those apples. This year would have been an ideal one for our apple, corn and potato farmers, had they been organized to compel a fair division of the increased prices paid for this fruit by the consumers.

### The Tent Cure.

Boston is trying experiments with the tent cure for consumption. The patients live in tents all the year round with no protection from the weather other than that offered by warm felt clothing. The whole fare will be that of camp life, with no changes from the ordinary diet, the cure being based wholly on the open-air living. As it will be a scientific investigation in the nature of an experiment, those who have not money enough to pay for the treatment will be cared for free.

### "Jes' Common Ole Misery."

The boy's name is Rufus, and he was busily engaged in polishing the doctor's shoes while he was being shaved. As was his custom the doctor said, "How are you feeling, Rufus?" "I ain't much. Kinder poohly, thank you doctah," answered the boy.

"What's the matter?"

"Paralysis."

"What?"

"Paralysis."

Had the doctor not been so well acquainted with the negro race he might have allowed himself to show astonishment. As it was he determined to see what would result from further inquiry. "Where's your paralysis?" he asked kindly.

Rufus was drawing a rag swiftly across his left shoe.

"In the right hip, doctah," he answered.

"It's probably rheumatism," suggested the physician.

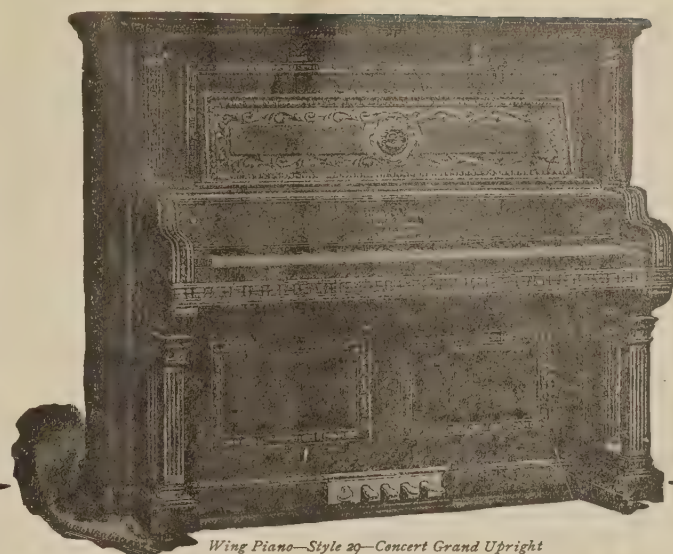
"No, indeed. It's paralysis. I reckon I know rheumatism, and I knows paralysis. This is sudden paralysis."

The doctor drew a good-sized pin from the lapel of his coat.

"Well, Rufus," he said seriously, "there is one way to tell. Come here. I'm going to jab this pin in your hip. If it hurts, then you have rheumatism. If you don't feel it then you are right, and you have paralysis."

The boy did not rise, but drew the rag thoughtfully across the shoe. Finally he said:

"Doctah, I reckon you mus' know more about them things than I do. I know it ain't nothin' but jes' common ole misery."



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



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
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I went to hear the city choir ;  
The summer night was still,  
I heard the music mount the spire,  
They sang: "He'll take the pil—"

"I'm on ! I'm on !" the tenor cried ;  
And looked into my face ;  
"My journey home, my journey home."  
Was bellowed by the bass.

"It is for the— It is for the—"  
Shrieked the soprano shrill;  
I know not why they looked at me,  
And yelled "He'll take the pil—"

Then, clutching wildly at my breast,  
O, heavens ! My heart stood still ;  
"Yes, yes," I cried, "if that is best,  
Ye powers ! I'll take the pil—"

As I half-fainting reached the door,  
And saw the starry dome,  
I heard them sing; "When life is o'er  
He'll take the pilgrim home."

A little incident which somebody about the White House witnessed the other day, is significant both as an illustration of certain traits in the character of President Roosevelt, and as an example for his admirers. There has been an impression among certain of his critics that he believed, "the strenuous life" to consist chiefly in hunting and killing animals, but though a mighty hunter, he is not merely a Nimrod, as the following occurrence shows.

It was a rainy, dreary day, soon after Mr. Roosevelt's return to Washington, and after a busy morning the President and his secretary started out for a walk. Just outside the door lay a homeless, friendless dog as close to the wall as he could get, his body curled up into the smallest possible bunch to avoid the rain and possible observation. As the two men emerged from the door he looked up apprehensively to see if a kick or a stern "Be off with you, now," would compel him to beat a retreat. But nothing of that sort occurred. Mr. Roosevelt's expressive face took on a pitying and kindly look, and bending down, he stroked the animal's head and pulled him gently by the ears.

"Poordoggie, haven't you any master?" he enquired. Then he went back into the house, and the dog, with an instinctive understanding of the situation, trotted close at his heels. The President ordered that the waiif should be taken to the kitchen and given a good meal; and it is said that that dog will be the dog of the White House during this administration.

Mr. Roosevelt is not one of those sportsmen who are satisfied with popping away at tame pigeons. When he goes hunting he wants the excitement of killing a dangerous wild beast. It will be a good thing for his boy admirers to remember that the man who led the charge at San Juan Hill was quite as ready to befriend a homeless cur as to hunt cougars and grizzlies.

"Little boy," said a gentleman, "why do you carry that umbrella over your head? It's not raining." "No." "And the sun is not shining." "No." "Then why do you carry it?" "Cause when it rains pa wants it, an' it's only this kind of weather that I kin git ter use it at all."

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# MONEY

## FOR BRAINS



**\$100.00 CASH REWARD.** Have you brains and energy? If you have and are painstaking and studious, supply the correct name for the beautiful sentiment flower represented by the above **WINK**. The correct answer represents the emblem of fidelity and you may win a **SUM OF MONEY.** The flower is a small blue one marked with a yellow center and can be found growing in wet or damp places. This is a brand new puzzle and you must be smart you will find diligent study and intuition will win some **CASH.** **ABSOLUTELY NO MONEY BACK GUARANTEE IS REQUIRED FOR A GUESS.** The prize for each patron or customer receives will be clear gain. One answer only is allowed: **Try and Win. Brains and Energy can Help.** This is a free contest and contains no elements of chance and we positively guarantee to pay all patrons **Cash** for correct solutions. Your right to a cash prize is yours and yours alone. Please send your answer to us by return mail. Address **CURALINE CHEMICAL CO., 18 Spruce St., New York City, Dept. No. 14 A**

MISERABLE, DESPAIRING AND  
NERVE TORTURED  
**WOMEN**

**Mrs. Franc Willard Promises You Health and Happiness—Read Her Letter and FREE Offer.**

*Dear Sister*—For five years previous to 1880 I suffered as only women suffer, and it seemed that I was heir to all the peculiar diseases of my sex. At that time I lived in Fort Smith, which is on the border between Arkansas and the Indian Territory, and in March 1880 a squaw from the Cherokee tribe gave me a formula of herbs and simples that made me a well and happy woman. During the past ten years I have given the remedy to many friends with little less than miraculous results and the demand is so great that I really cannot supply it. I wish to make it more generally known, and I have therefore advertised but through the recommendations of friends and their acquaintances, I have received calls from nearly every state in the Union, and so far as I know there has never been one isolated case where a cure has not been effected. I have such unlimited faith in the Regenerator as a specific for all Female Weakness and Irregularities such as Leucorrhoea, Painful, Irregular, Scarce, Suppressed and Profuse periods, and all the troubles, Change of Life, Incapability to bear Children, and attending nervous troubles, that I will gladly send a full size 50c. box of the Regenerator postpaid and FREE, with the understanding that you are to take it and if it benefits you remit 50c, if not benefited it is ABSOLUTELY FREE, you to be the judge.

All correspondence and medicine sent free from outside printing and your letters will receive my personal attention. ONLY 50c. Sent, and for free booklet.

Yours sincerely,  
P. Q. Box 100, Rochester, N. Y.

*Ans. 11/1*

## DINNER SET FREE

For selling 24 boxes Salvina, Soaps or bottles Salvina Perfumes. To introduce our Soaps and Perfumes, we give free to every purchaser of a box or bottle, a beautiful old glass pattern 10-inch fruit bowl, or choice of many other valuable articles. To the agent who sells 24 boxes soap we give our 6-piece decorated full size set of dishes. We also give to agents, Rockers, Parlor Tables, Sewing Machines, Parlor Lamps, Musical Instruments all kinds and many other premiums for selling Salvina Soaps and Perfumes. We allow you 15 days to deliver goods and collect for them. We give cash commission if desired. No money required. We prepare all orders. Freight Chargeable. It's catalonie free. Write for terms. We will send you our literature. We can personally assure our readers that the Salvina Soap Co. is thoroughly reliable and true worthy. -Editor

### The McKinleys' Little Girl.

The National Magazine, of Boston, for October, had the unique magazine feature of the month. This was a portrait of President McKinley's little daughter, Katie, who died at the age of three and a half years. The portrait, which had never before been published, adorns the first page of the National Magazine for October. It shows a sweet, serene little face, with tender, trustful eyes and rosebud lips. Rich wavy hair, parted in the middle, falls down over the shoulders, clad in some fleecy, white stuff. She is, in all her features, the youthful image of her father, blending with his strength something of the subtle sweet grace and charm of her mother.

Persons wishing to obtain a copy of the magazine containing this portrait and 60 pages of other McKinley pictures as well, will receive this issue together with November and December, FREE by sending \$1.00 for one new yearly subscription to the National Magazine, 41 West First St., Boston, Mass. Speak to your friends about it!



**Rough on Doctor and Druggist bills.** All people can cure themselves at home of nearly all Diseases, by a never failing Method, without Medicine or Cost. Send 4 cents in stamps for all Particulars to Central Supply House, Cape Girardeau, Mo.

**STA-IN INK** never washes out. Stencil plate and brush for marking linen, 25 cents prepaid. Catalogue, useful articles, free. **The Moore Novelty Co., Caro., Michigan.**

**\$100 IN GOLD FREE**—To the most beautiful girl or woman in the U. S. Send photo at once enclosing 36c. for 6 months subscription to **LOVERS' GAZETTE**, Des Moines, Iowa.

**BATTENBURG** Collar, Butterfly pattern 30 cts. Tan Canvas Sofa Pillow 50 cents. With materials for working both **Evans Specialty Co., 35 P.O. Box 197, Waltham, Mass.**

**MENTAL NUTS** Can You Crack 'em? Book 100 catch problems with ans. Great debaters. Embossed covers, 10c. stamps. **S. E. Clark, 30 N. 9th St., Philadelphia.**

**YOUR CORNS** cured in 6 days by using our antiseptic and medicated Corn File. Send 10 cents for sample. Address, **Lyman Mfg. Co., Mount Tom, Mass.**

Spanish Needles, Rods, Goldmeters for locating Gold, Silver and hidden treasures. Our instruments are best. Catalogue 2cts. **B.G. Stauffer, Dept. V.M., Harrisburg, Pa.**

**LADIES' Frozen Perfume** will last for years as it cannot spill or waste. Price, 10c. a cake or 3 for 25 cents. **Ferd M. Schrauth, 251 Hopkins Street, Brooklyn, N. Y.**

**TRUE LOVERS OF BOOKS** will find it to communicate with us at once. Send 2c. stamp for special information and lists. **Independent Book Agency, 3049 Collins St., Philadelphia, Pa.**

Incubators Only \$2. 97,000 in use. Send for catalogue and free 25c lice formula. **N. H. L. Co., Columbus, Neb.**

Greatest money maker on earth, is worth \$6 a pound. Grows anywhere. **GINSENG T. L. Kennedy, Hackensack, N. J.**

Myself cured, I will gladly inform any one addicted to **MORPHINE, OPIUM, LAUDANUM** or Cocaine of a never-failing, harmless Home cure **Mrs. A. Mary Baldwin, P. O. Box 1212, Chicago, Ill.**

**McKinley** For 25 cts. will send Aluminum card tray with engraving of our martyred President, Wm. McKinley. **A. E. SHUTE & Co., Dept. B, W. Derry, N. H.**

**BARRIOS DIAMONDS** Guaranteed. Retain their Brillancy forever, have all the lustre, fire, and colors. Finest imitation on Earth. Rings, Pins, Studs, Charms, from \$1.50 up. Send for Illus. Catalog. **J.M. Anderson & Co., 691 1/2 Normal St., Englewood, Ill.**

**WOMEN WANTED DO BINDING** \$3.00 week. Steady work. Material furnished free and sent prepaid. Stamped addressed envelope, particulars. **Universal Co., Dept. 41, Walnut St., Phila., Pa.**

**DERMOID LIQUID COURT PLASTER.** Waterproof. Antiseptic. Healing. Heals cuts and all Abrasions of the Skin. Carry a package in your pocket. Pocket size for 10c. Four times as much for 25 cents. Agents wanted. **Dermoid Mfg. Co., Box 423, Hartford, S. D.**

**FREE. A New Discovery for Women. FREE.** One 35c box. Vitalene Home Treatments, a positive cure for all Female Diseases and displacements will be sent with valuable advice and illustrations FREE. **MRS. B. V. TURNBULL, Chelsea, Mich.**

**Something New! The Hygeian!!** The new Hose Supporter and Sleeve Holder, it stays, it is secure, strong, quick, easy, simple, it does not bind; nickel plated; mailed on receipt of 25 cents. **W. Day, 512 W. N. 5th St., Philadelphia.**

**Electric Polishing Fibre.** The wonderful cleaning cloth. One piece will clean your table silver Nickel, Copper, etc., for a year, better than powder or paste at one quarter the cost. Send 10 cents and get one by return mail. Agents wanted. Send 2-cent stamp for sample. **Remsen Supply Co., Cohoes, New York.**

**Have Your Fortune Told** From cradle to grave—past, present and future correctly treated and success assured in love and business. My horoscopes are wonderful diviners; send date of birth and ten cents to pay for sample copy of magazine of **NEW IDEAS**, and I will send you, free, a typewritten horoscope of your life and a descriptive photo of the person you should love. They call me the wonderful wizard of the twentieth century, because of my true predictions. Only thirty years old, I have made over \$100,000. I believe I can make you equally successful if you heed my advice. Write to-day and let me read your life. **Prof. S. P. Astro, Box 3693, Philadelphia.**

**SPECIAL PRICES** on fine Iron Reservoir Vases for Lawns, House and Cemeteries. Order now and get the special Price. Vases \$4 to \$90. Names put on for Cemetery use. **FLOOM & CO., TIFFIN, OHIO.**

### Nirvana.

We talk and work, we come and go,  
And, then, the close of all we do  
Is gentle Sleep.

We gather up some little store;  
Yet, when 'tis ours, we want no more  
Than dreamless Sleep.

We praise and blame, we smile and frown,  
Then all our weary lives sink down  
In endless Sleep.

—The Academy.

### For Pop-Overs.

The value of a recipe lies partly in its being accurately set down and followed. *Harpers Magazine* has the following directions for making a breakfast delicacy called pop-overs, as they were imparted by the Chinese servant to a lady visiting in the family:

"You take him one egg," said the master of the kitchen, "one lit' cup milk. You fixee him one cup flour on sieve, take pinch salt—you not put him in lump. You move him egg lit' bit slow; you put him milk in, all time move. You makee him flour go in, not move fast, so have no spots. Makee but'ed pan all same wa'm, not too hot. Putlee him in oven. Now you mind you' business. No like woman run look at him all time. Him done all same time biscuit."

### The Cross We Bear.

Sometimes we walk along life's road  
With heavy heart and saddened face;  
We long have borne a grievous load  
And nowhere see a resting place.

By day, by night, we fret and moan,  
While oft our crosses we compare  
With those of others, and our own,  
Thus measured, seem more than our share.

And then, perchance, we meet with some  
Beneath such burdens bending low;  
Life must be one long martyrdom,  
Each day a tragic tale of woe!

We pause to look with tear wet eyes,  
As they pass slowly from our sight,  
Upon our lips all murmur dies;  
The load we bear seems almost light!

—Margaret Manning.

### Attractiveness Valuable.

Some day it will dawn upon the leading men in the cities of the United States that municipal beauty is worth more in drawing trade and visitors than any of the devices that are now expected to do this work. Some day boards of education may begin to realize that a cheaply planned public school building is not only an injury to the children, but an actual business detriment to the whole community.—*Nebraska State Journal.*

### Ethel was Resigned.

"How old are you, Ethel?" asked a visitor of a little girl.  
"I'm only 3," replied Ethel, with a deep sigh. "I should like to be 4, but I suppose somebody has to be 3."

### Have You a Boy?

Get the **American Boy** (\$1.00) for him. Nothing would please him better for a birthday or Christmas present. We will have it sent a full year, also *Vick's* a year, \$1.50 worth, for only 75 cents or *American Boy* one year and *Vick's* three years, \$2.50 worth, for only \$1.25. **VICK PUBLISHING CO., Rochester, N. Y.**

A live Yankee is like a trout—uneasy in or out of the water.

### If You Keep Hens

You can read the Poultry Department of *Vick's Family Magazine* also *THE AMERICAN POULTRY ADVOCATE* and *POULTRY SUCCESS* a full year (\$1.25 worth) for only 75c. Order of **VICK PUBLISHING COMPANY.**



## FREE SLEEPING DOLL COMBINATION.

This big and handsome BRQUE DRESSED DOLL is nearly one and one-half feet in height, and is given away with four other useful presents to every person disposing of twenty-five assorted NOVELTY ARTICLES at ten cents each. Dolls has moving Bique Head, Automatic Closing Eyes (goes to sleep when put to bed), natural long curly ringlets, hat, shoes, stockings, etc. Dressed complete from "top to toe" a large and lovely doll, sweet and pretty as a picture, which will be a source of endless pleasure and amusement to the little ones.

Order twenty-five Novelty Articles, sell them to your friends, remit us the \$2.50 and we will forward to you address this beautiful sleeping doll, including four EXTRA PRESENTS, consisting of a pretty silver-plated DOLL, a CHATELAIN, gold-plated ENGRAVED RING, LADIES' POCKET-BOOK, with four compartments, nickel trimmings, and a handsome pearl handled POCKET-KNIFE. Please understand, you will receive Doll, Chatelaine, Ring, Pocket-book and Knife, the entire combination of five presents for selling only \$2.50 worth of novelties. Order at once and address:

**DIME SPECIALTY CO.,**  
NO. 96 COMBINATION DEPT. 96 BRIDGEWATER, CONN.

5 HANDSOME PRESENTS FREE! TO ALL! FREE! 5

## ASTHMA CURE FREE!

Asthmalene Brings Instant Relief and Permanent Cure in All Cases.

SENT ABSOLUTELY FREE ON RECEIPT OF POSTAL.  
WRITE YOUR NAME AND ADDRESS PLAINLY.



There is nothing like Asthmalene. It brings instant relief, even in the worst cases. It cures when all else fails.

The Rev. C. F. WELLS, of Villa Ridge, Ill., says: "Your trial bottle of Asthmalene received in good condition. I cannot tell you how thankful I feel for the good derived from it. I was a slave, chained with putrid sore throat and asthma for ten years. I despaired of ever being cured. I saw your advertisement for the cure of this dreadful and tormenting disease, Asthma, and thought you had overspoken yourselves, but resolved to give it a trial. To my astonishment, the trial acted like a charm. Send me a full-size bottle."

Rev. Dr. Morris Wechsler,  
Rabbi of the Cong. B'nai Israel.

NEW YORK, Jan. 3, 1901.

**DRS. TAFT BROS' MEDICINE CO.,**  
Gentlemen: Your Asthmalene is an excellent remedy for Asthma and Hay Fever, and its composition alleviates all troubles which combine with Asthma. Its success is astonishing and wonderful.

After having it carefully analyzed, we can state that Asthmalene contains no opium, morphine, chloroform or ether.

Very truly yours, REV. DR. MORRIS WECHSLER.

AVON SPRINGS, N. Y., Feb. 1, 1901.

**DR. TAFT BROS' MEDICINE CO.,**

Gentlemen: I write this testimonial from a sense of duty, having tested the wonderful effect of your Asthmalene, for the cure of Asthma. My wife has been afflicted with spasmodic asthma for the past 12 years. Having exhausted my own skill as well as many others, I chanced to see your sign upon your windows on 130th street, New York, I at once obtained a bottle of Asthmalene. My wife commenced taking it about the first of November. I very soon noticed a radical improvement. After using one bottle her Asthma has disappeared and she is entirely free from all symptoms. I feel that I can consistently recommend the medicine to all who are afflicted with this distressing disease.

Yours respectfully,

O. D. PHELPS, M. D.

**DR. TAFT BROS' MEDICINE CO.,**

Feb. 5, 1901.

Gentlemen: I was troubled with Asthma for 22 years. I have tried numerous remedies, but they have all failed. I ran across your advertisement and started with a trial bottle. I found relief at once. I have since purchased your full-size bottle, and I am ever grateful. I have a family of four children, and for six years was unable to work. I am now in the best of health and am doing business every day. This testimony you can make such use of as you see fit.

Home address, 235 Rivington street.

S. RAPHAEL,

67 East 129th st., City.

TRIAL BOTTLE SENT ABSOLUTELY FREE ON RECEIPT OF POSTAL.

Do not delay. Write at once, addressing **Dr. Taft Bros' Medicine Company,** 79 East 130th St., N. Y. City.

## DANDRUFF CURED FREE

"DANDRUFF" is a sure cure for dandruff. It cleanses the scalp and produces a healthful condition and can be applied easily. We will send you a 25 cent package; enough to cure an ordinary case for 10 cents to pay for packing and postage. **CREST CHEMICAL CO., P. O. Box 193, Far Rockaway, New York City.**



Just Because She Made Dem Goo-Goo Eyes,  
The Blues and The Gray, Break the Heart to Mother,  
The Girl I Loved in Sunny Tennessee, I'd Leave My  
Happy Home for You, Mid the Green Fields of Vir-  
ginia. She was young 'til She Met You, ORIGINAL  
SONGS, Coos and Love Songs and LATEST  
HITS, also Born Dooley and My Oriental Queen,  
with WORDS AND MUSIC and many  
others with our new MARRIAGE GUIDE  
and 42 Pictures of Famous Actresses. All for 10c.

**SONG BOOK**

New Era Supply Co., Englewood Sta., Chicago, Ills.



## Nourish Your Palm and Ferns

Rubber Plants, etc., with  
**JAPANESE PALM FOOD**

A chemically prepared odorless fertilizer that will make healthy plants and beautiful foliage. Perfectly soluble and readily assimilated. Do the leaves of your Palms turn yellow? Nourish and save them at once and our Plant Food can do it. It fills a long felt want and has been heartily endorsed by every plant lover who has used it. Send us 50 cents (coin or stamps) when a package will be sent you postpaid.

**Flower City Plant Food Co.**  
50 Central Ave., Rochester, N. Y.

## NORNY'S FRUIT PRESERVING POWDER

Prevents fermentation, restores soured fruit or tomatoes. 35 cents per box. Sample FREE.  
**Zane Norny & Co., Box 868, Philadelphia, Pa.**

## A Wonderful Offer

Is made to you by the **SOUTHERN VISITOR**. Send only 25 cents for a 6 months subscription to our fine monthly story paper, and we will send absolutely free, all charges prepaid, 1 pint of this, 275 very latest songs, 75 complete stories in nicely bound book, and to those taking advantage of this offer within the next 30 days, we will give a nice present. **Southern Visitor, Lock Box Z, Tallapoosa, Ga.**

## Ideal Scissors Sharpener

A household necessity. Attached to any sewing machine, and scissors sharpened in one minute. Any lady can sharpen her scissors, knives etc., as good as an expert. Self-adjusting and practically indestructible. Price \$1.00 prepaid. Circulars and particulars free.  
**National Supply Co., Box A484, Peoria, Ill.**



## Eczema, Salt Rheum

All Diseases of Skin and Scalp cured permanently. Nothing disagreeable, but a pleasant cure. It makes no difference how bad the case or how long standing. Particulars.  
**F. DeLONEY & CO., Plymouth, Ind.**

## AGENTS WANTED

For our Rugs. Good agents are getting rich, poor agents are making big wages. Catalogue and terms for stamp.  
**Peoples Supply House, Thompsonville, Conn.**

**LADIES** do needle work at home, \$5 to \$8 per ladies' week. Material furnished free. Six months' work. Stamped envelope for particulars **Home Industrial Co., 90 Wabash, Chicago, Ill.**



**UP-TO-DATE NOVELTY CO., New Milford, Conn.**

## Special Notice.

We want active agents everywhere to take subscriptions for Vick's Magazine and will allow a liberal commission or furnish valuable premiums. Write for illustrated circular. Vick's is going forward by leaps and bounds in its new enlarged form. It is easy to secure subscriptions.

## Do These Offers Interest You?

Woman's Home Companion, 1 year.....	\$1.00
Vick's Family Magazine, 1 year.....	.50
<b>Total Value.....</b>	<b>\$1.50</b>
<b>BOTH FOR \$1.00.</b>	
Greene's Fruit Grower.....	.50
Vick's Family Magazine.....	.50
<b>Total Value.....</b>	<b>\$1.00</b>
<b>BOTH FOR 60 CENTS.</b>	
Woman's Home Companion.....	1.00
Greene's Fruit Grower.....	.50
Vick's Family Magazine.....	.50
<b>Total Value.....</b>	<b>\$2.00</b>
<b>ALL FOR \$1.10.</b>	

**VICK PUBLISHING COMPANY,**  
Rochester, New York.

## Growing Fruit for a Home Market.

Almost anyone can grow fruit, but it is a trade all by itself to market it to the best advantage, says the "Ohio Farmer." Many people before engaging in the business think they must get near some large city in order to obtain the best market for their products. This is a great mistake; our large cities, with scarcely any exception, afford the very poorest markets. They are flooded with fruits of all kinds sent from a distance, and prices nearly always rule below those of the smaller towns.

Every season large quantities of fruit (and often of very inferior quality) are shipped from city to country, which helps to fill the coffers of the express companies and the city merchants, and indirectly the pockets of the country doctors. There are still a great many small villages that are very poorly supplied with fruit, even of the poorest quality, and there are yet a large number of villages that do not know what fresh fruit is like. Now, right here is a place for some smart, enterprising person to raise fruit and supply these unoccupied markets. Better prices can almost invariably be obtained than in the larger and more crowded cities. By growing only the best varieties and delivering choice fruit to customers daily, a good trade can be established that will steadily increase from year to year and will put many dollars into the pockets of the growers.

With some calculation one may send fruit to market from June until winter. Strawberries are the first to come and by planting both early and late kinds the season is extended well into July. Last season my first strawberries went to market on June 9 and the last on July 3. We had them for our own table several days earlier, and ten days later. Cherries and raspberries will follow strawberries, and pears, blackberries, currants, plums and grapes will help lengthen the season until winter.

## Are You Hard of Hearing or Deaf?

Send stamp for full particulars how to restore your hearing, by one who was deaf for 30 years. Dept. Y. **John Garmore, Mt. Lookout, Cincinnati, Ohio.**

## WHAT BEAUTIFUL PLANTS!



Plants and flowers are like people. Their health depends upon their food. It must be nourishing, but not too rich to force growth and cause reaction. You may have beautiful Plants by giving them proper nourishment and the one chemically correct flower food for house plants is

## Walker's Excelsior Brand.

It has no odor and can be used dry, either mixed with the soil or applied as a top dressing,

or it can be dissolved and used in solution. A pinch of it in water will preserve cut flowers a much longer time. Full directions for use given with each package. Use it and your flowers will flourish and their health last. Put up in a substantial wooden box and mailed to your address for only 25c. (Enough to feed 25 plants six months) or we will give you one box free with every Three Year subscription at our special rate of \$1.00 provided you add 10c for postage and packing, given free for securing one new three year or two new one year subscriptions. With every package we send Free the book "How to make the Window Garden a Success" by Eben E. Rexford. Address

## VICK PUBLISHING COMPANY,

30 Triangle Building, - - Rochester, N. Y.



**LADIES!** A friend in need is a friend indeed. If you want a regulator that never fails address **The Woman's Medical Home, Buffalo, N. Y.**

**LADIES** who desire a Monthly Regulator that cannot fail will please address with stamp. **DR. STEVENS, Buffalo, N. Y.**

**PIMPLES,** freckles, wrinkles, blotches blackheads and all skin blemishes removed by **Mason's Complexion Tablets.** Used and recommended by Actresses and beautiful women everywhere. 50c a box by mail. Address, **J. H. Mason & Co., Hancock, Maryland.**

**RHEUMATISM Positively Cured.** If you doubt this, send 10c. (silver) for 6 days' treatment and see the improvement. No fake or fraud. **ALBANY SPECIALTY CO., Palatine Bridge, N. Y.**

**WANTED** Agents and Managers to work on commission or salary. Address, **Dawson, 16 Washington Pl., E. Orange, New Jersey.**

**\$8 PER 100 CASH PAID** for distributing Samples of Washing Fluid. Either sex wanted. Steady work. Send 6c. stamps and secure territory to **A. W. SCOTT, Cohoes, N. Y.**

## Home Work

**FOR MEN AND WOMEN—NO GANVASSING.**

We have several kinds of work to give out, some of which requires no experience whatever. If you need employment, or wish to devote your time to something pleasant and profitable, write us at once. You can earn \$9 to \$18 a week working for us at your home. If you can't work all day for us, you can earn \$5 or \$6 a week by working an hour or two of an evening. Address **STANLEY B. WELLS, CO., Dept. 142 West 23d Street, New York.**

## AUCTION! HOW MUCH AM I OFFERED? \$5.00? No! Well, who will start it at 10 cents? I bid at!—And another at!—It's going at!—at!—at!—and SOLD to the highest bidder.



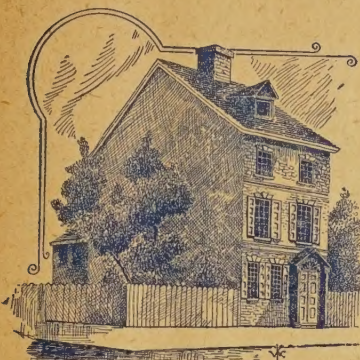
We give this Big Barrel of Merchandise for a club of 20 subscribers to **THE WELCOME GUEST** at 25 cents per year. We want our goods introduced and shall send out one Barrel each day to the highest bidder, trusting that your friends and neighbors will then make up a club and get the Big Assortment Free. Don't send any money, but bid at once. Address us this way: "America's Greatest Story Paper," **THE WELCOME GUEST, Dept. R, Portland, Maine.**

\$3—A bid of 10 cents may bring you the Big Barrel of Merchandise. Try it. Others get it, why not you? All bids answered.

**"Laughlin" BEST AT ANY PRICE. POSTPAID ONLY \$1.00**  
MONEY REFUNDED IF NOT SATISFACTORY.  
14-K-GOLD PEN—SENT ON APPROVAL TO RESPONSIBLE PEOPLE. TRY IT A WEEK. CATALOGUE FREE.  
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# TRUE STORIES OF GREAT AMERICANS



House in which Jefferson wrote the Declaration of Independence.

which raised from the humble walks of life men who rank among the leading statesmen of the world.

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**Thomas Jefferson**, Edward S. Ellis, A. M., Author of "The People's Standard History of the U. S." etc.  
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Is the general title of a series of character sketches of twelve great statesmen whose careers are the beacon lights of American history. Every schoolboy knows their service to the government yet few are familiar with their private lives. Their lives read like romance and the story of their struggles, privations and devotion to duty can but be a new inspiration to every patriotic American.

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**Benjamin Franklin**, Frank Strong, Ph. D., Lecturer on United States History, Yale Uni.  
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The illustration shown on this page is a sample of the hundreds which embellish the pages of True Stories of Great Americans.

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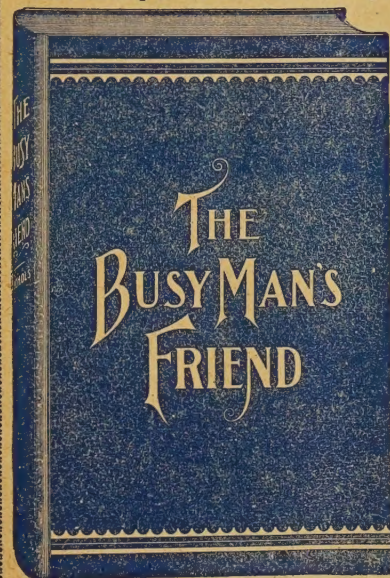
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